

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 10**

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>104,790</b>	<b>114,960</b>	<b>10,170</b>	<b>10%</b>	<b>26,400</b>	<b>37,730</b>	<b>\$30,488 NA</b>	
<b>11-0000</b>	<b>Management Occupations</b>	<b>3,790</b>	<b>4,210</b>	<b>420</b>	<b>11%</b>	<b>700</b>	<b>1,140</b>	<b>\$69,297 NA</b>	
11-1000	Top Executives	1,420	1,580	160	11%	260	420	NA NA	
11-1011	Chief Executives	290	320	30	10%	60	80	\$127,946	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	1,050	1,180	130	12%	200	330	\$76,864	Work experience plus bachelor's or higher degree
11-1031	Legislators	80	80	0	0%	10	10	\$17,147	NA
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	200	230	30	15%	40	70	NA NA	
11-2011	Advertising and Promotions Managers	20	30	10	50%	0	10	\$58,234	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	50	60	10	20%	10	20	\$70,182	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	110	140	30	27%	20	40	\$88,378	Work experience plus bachelor's or higher degree
11-3000	Operations Specialties Managers	780	870	90	12%	140	230	NA NA	
11-3011	Administrative Services Managers	90	100	10	11%	20	30	\$48,191	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	100	130	30	30%	20	40	\$71,116	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	230	260	30	13%	30	60	\$66,498	Work experience plus bachelor's or higher degree
11-3040	Human Resources Managers	70	80	10	14%	10	20	NA NA	
11-3051	Industrial Production Managers	210	230	20	10%	40	60	\$68,188	Bachelor's degree
11-3061	Purchasing Managers	50	50	0	0%	10	10	\$70,776	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	30	30	0	0%	10	10	\$70,387	Work experience in a related occupation
11-9000	Other Management Occupations	1,390	1,530	140	10%	270	410	NA NA	
11-9011	Farm, Ranch, and Other Agricultural Managers	40	50	10	25%	10	10	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	120	130	10	8%	20	30	\$57,515	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	20	20	0	0%	0	10	\$43,037	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	130	160	30	23%	30	60	\$67,922	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	40	50	10	25%	10	20	NA	Work experience plus bachelor's or higher degree
11-9041	Engineering Managers	80	90	10	13%	20	20	\$91,628	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	330	340	10	3%	50	70	\$36,436	Work experience in a related occupation
11-9081	Lodging Managers	70	70	0	0%	10	10	\$29,439	Work experience in a related occupation
11-9111	Medical and Health Services Managers	150	180	30	20%	30	70	\$64,945	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	40	40	0	0%	10	10	\$78,397	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	40	40	0	0%	10	10	\$48,523	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	80	90	10	13%	20	20	\$47,392	Bachelor's degree
11-9151	Social and Community Service Managers	70	90	20	29%	10	30	\$40,535	Bachelor's degree
11-9199	Managers, All Other	170	160	-10	-6%	30	30	\$59,171	Work experience in a related occupation
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>2,450</b>	<b>2,980</b>	<b>530</b>	<b>22%</b>	<b>440</b>	<b>980</b>	<b>\$42,412 NA</b>	
13-1000	Business Operations Specialists	1,360	1,680	320	24%	250	570	NA NA	
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	NA	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	60	60	0	0%	20	20	\$35,762	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	140	150	10	7%	30	50	\$41,209	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	260	360	100	38%	30	140	NA	Long-term on-the-job training
13-1032	Insurance Appraisers, Auto Damage	60	80	20	33%	10	30	NA	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	30	40	10	33%	10	10	\$31,761	Long-term on-the-job training
13-1051	Cost Estimators	200	210	10	5%	40	60	\$41,713	Bachelor's degree
13-1071	Employment, Recruitment, and Placement Specialists	100	130	30	30%	20	50	\$35,070	Bachelor's degree

Code	Occupational Title	2002	2012	Total	Percent	Replacements <sup>1</sup>	Total	2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change		Openings	Annual Wage <sup>2</sup>	
13-1072	Compensation, Benefits, and Job Analysis Specialists	30	40	10	33%	0	10	\$40,889	Bachelor's degree
13-1073	Training and Development Specialists	100	130	30	30%	20	50	\$31,921	Bachelor's degree
13-1111	Management Analysts	70	100	30	43%	10	40	\$69,274	Work experience plus bachelor's or higher degree
13-1199	Business Operations Specialists, All Other	290	350	60	21%	50	110	\$43,557	Bachelor's degree
<i>13-2000</i>	<i>Financial Specialists</i>	<i>1,090</i>	<i>1,300</i>	<i>210</i>	<i>19%</i>	<i>200</i>	<i>410</i>	<i>NA</i>	<i>NA</i>
13-2011	Accountants and Auditors	460	540	80	17%	90	170	\$45,258	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	150	180	30	20%	30	60	\$24,841	Postsecondary vocational training
13-2041	Credit Analysts	20	30	10	50%	0	10	\$57,252	Bachelor's degree
13-2052	Personal Financial Advisors	20	20	0	0%	0	10	NA	Bachelor's degree
13-2072	Loan Officers	270	340	70	26%	40	110	\$47,795	Bachelor's degree
13-2082	Tax Preparers	100	120	20	20%	20	40	NA	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	20	20	0	0%	0	10	\$59,187	Bachelor's degree
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>770</b>	<b>950</b>	<b>180</b>	<b>23%</b>	<b>100</b>	<b>290</b>	<b>\$46,273</b>	<b>NA</b>
<i>15-1000</i>	<i>Computer Specialists</i>	<i>700</i>	<i>880</i>	<i>180</i>	<i>26%</i>	<i>90</i>	<i>270</i>	<i>NA</i>	<i>NA</i>
15-1021	Computer Programmers	60	60	0	0%	10	10	\$48,823	Bachelor's degree
15-1031	Computer Software Engineers, Applications	20	30	10	50%	0	10	\$58,168	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	210	280	70	33%	20	90	NA	Bachelor's degree
15-1041	Computer Support Specialists	170	200	30	18%	20	50	\$35,603	Associate degree
15-1051	Computer Systems Analysts	120	160	40	33%	10	60	\$54,434	Bachelor's degree
15-1061	Database Administrators	20	30	10	50%	0	10	\$38,319	Bachelor's degree
15-1071	Network and Computer Systems Administrators	70	90	20	29%	10	30	\$47,371	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	20	30	10	50%	0	10	\$46,080	Bachelor's degree
<i>15-2000</i>	<i>Mathematical Scientists</i>	<i>70</i>	<i>70</i>	<i>0</i>	<i>0%</i>	<i>20</i>	<i>20</i>	<i>NA</i>	<i>NA</i>
15-2041	Statisticians	70	70	0	0%	20	20	NA	Master's degree
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>1,010</b>	<b>1,140</b>	<b>130</b>	<b>13%</b>	<b>240</b>	<b>380</b>	<b>\$48,272</b>	<b>NA</b>
<i>17-1000</i>	<i>Architects, Surveyors, and Cartographers</i>	<i>90</i>	<i>120</i>	<i>30</i>	<i>33%</i>	<i>20</i>	<i>50</i>	<i>NA</i>	<i>NA</i>
17-1011	Architects, Except Landscape and Naval	70	100	30	43%	10	40	\$50,251	Bachelor's degree
17-1022	Surveyors	30	30	0	0%	10	10	\$39,815	Bachelor's degree
<i>17-2000</i>	<i>Engineers</i>	<i>480</i>	<i>510</i>	<i>30</i>	<i>6%</i>	<i>100</i>	<i>140</i>	<i>NA</i>	<i>NA</i>
17-2051	Civil Engineers	30	30	0	0%	10	10	\$60,922	Bachelor's degree
17-2061	Computer Hardware Engineers	70	80	10	14%	10	20	NA	Bachelor's degree
17-2071	Electrical Engineers	30	30	0	0%	10	10	\$58,969	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	20	30	10	50%	0	10	\$65,984	Bachelor's degree
17-2112	Industrial Engineers	100	110	10	10%	20	30	\$58,332	Bachelor's degree
17-2131	Materials Engineers	30	30	0	0%	10	10	NA	Bachelor's degree
17-2141	Mechanical Engineers	90	90	0	0%	20	30	\$58,720	Bachelor's degree
17-2199	Engineers, All Other	70	90	20	29%	10	30	\$52,297	Bachelor's degree
<i>17-3000</i>	<i>Drafters, Engineering, and Mapping Technicians</i>	<i>440</i>	<i>510</i>	<i>70</i>	<i>16%</i>	<i>120</i>	<i>190</i>	<i>NA</i>	<i>NA</i>
17-3011	Architectural and Civil Drafters	30	40	10	33%	10	20	\$35,024	Postsecondary vocational training
17-3013	Mechanical Drafters	70	70	0	0%	20	20	\$39,318	Postsecondary vocational training
17-3023	Electrical and Electronic Engineering Technicians	70	90	20	29%	20	30	\$44,913	Associate degree
17-3026	Industrial Engineering Technicians	80	100	20	25%	20	30	\$44,296	Associate degree
17-3031	Surveying and Mapping Technicians	80	100	20	25%	30	50	\$29,889	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	70	80	10	14%	20	30	NA	NA
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>240</b>	<b>280</b>	<b>40</b>	<b>17%</b>	<b>60</b>	<b>100</b>	<b>\$42,546</b>	<b>NA</b>
<i>19-1000</i>	<i>Life Scientists</i>	<i>30</i>	<i>30</i>	<i>0</i>	<i>0%</i>	<i>10</i>	<i>10</i>	<i>NA</i>	<i>NA</i>
<i>19-2000</i>	<i>Physical Scientists</i>	<i>30</i>	<i>30</i>	<i>0</i>	<i>0%</i>	<i>10</i>	<i>10</i>	<i>NA</i>	<i>NA</i>
<i>19-3000</i>	<i>Social Scientists and Related Workers</i>	<i>60</i>	<i>70</i>	<i>10</i>	<i>17%</i>	<i>20</i>	<i>30</i>	<i>NA</i>	<i>NA</i>
19-3031	Clinical, Counseling, and School Psychologists	40	40	0	0%	10	20	\$50,152	Master's degree

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19-4000	Life, Physical, and Social Science Technicians	120	150	30	25%	30	60	NA NA	
19-4011	Agricultural and Food Science Technicians	20	20	0	0%	0	0	NA Associate degree	
19-4031	Chemical Technicians	40	40	0	0%	10	10	\$39,311 Associate degree	
19-4091	Environmental Science and Protection Technicians, Including Health	40	60	20	50%	10	30	\$32,042 Associate degree	
19-4099	Life, Physical, and Social Science Technicians, All Other	20	30	10	50%	10	10	NA Associate degree	
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>900</b>	<b>1,150</b>	<b>250</b>	<b>28%</b>	<b>170</b>	<b>420</b>	<b>\$30,550 NA</b>	
21-1000	Counselors, Social Workers, and Other Community and Social Service Sp	790	1,000	210	27%	150	360	NA NA	
21-1012	Educational, Vocational, and School Counselors	110	120	10	9%	20	40	\$41,403 Master's degree	
21-1013	Marriage and Family Therapists	20	30	10	50%	0	10	NA Master's degree	
21-1014	Mental Health Counselors	50	80	30	60%	10	30	NA Master's degree	
21-1015	Rehabilitation Counselors	90	120	30	33%	20	50	\$25,364 Master's degree	
21-1021	Child, Family, and School Social Workers	300	340	40	13%	50	90	\$29,686 Bachelor's degree	
21-1022	Medical and Public Health Social Workers	30	40	10	33%	10	20	\$33,498 Bachelor's degree	
21-1091	Health Educators	40	50	10	25%	10	20	NA Master's degree	
21-1092	Probation Officers and Correctional Treatment Specialists	30	30	0	0%	10	10	NA Bachelor's degree	
21-1093	Social and Human Service Assistants	120	180	60	50%	20	90	\$23,631 Moderate-term on-the-job training	
21-2000	Religious Workers	20	20	0	0%	0	0	NA NA	
21-9000	Miscellaneous Counselors, Social, & Religious Workers	90	130	40	44%	20	60	NA NA	
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	90	130	40	44%	20	60	NA NA	
<b>23-0000</b>	<b>Legal Occupations</b>	<b>430</b>	<b>510</b>	<b>80</b>	<b>19%</b>	<b>50</b>	<b>130</b>	<b>\$41,726 NA</b>	
23-1000	Lawyers, Judges, and Related Workers	160	200	40	25%	20	50	NA NA	
23-1011	Lawyers	140	170	30	21%	20	50	\$62,120 First professional degree	
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	\$75,712 Work experience plus bachelor's or higher degree	
23-2000	Legal Support Workers	260	310	50	19%	30	70	NA NA	
23-2011	Paralegals and Legal Assistants	70	90	20	29%	10	30	\$32,376 Associate degree	
23-2091	Court Reporters	30	30	0	0%	0	10	\$25,290 Postsecondary vocational training	
23-2093	Title Examiners, Abstractors, and Searchers	150	170	20	13%	20	30	\$26,626 Moderate-term on-the-job training	
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>4,960</b>	<b>6,260</b>	<b>1,300</b>	<b>26%</b>	<b>1,090</b>	<b>2,400</b>	<b>\$40,786 NA</b>	
25-1000	Postsecondary Teachers	600	860	260	43%	140	390	NA NA	
25-1011	Business Teachers, Postsecondary	80	110	30	38%	20	50	NA Doctoral degree	
25-1021	Computer Science Teachers, Postsecondary	110	160	50	45%	30	70	NA Doctoral degree	
25-1081	Education Teachers, Postsecondary	70	100	30	43%	20	40	NA Doctoral degree	
25-1124	Foreign Language and Literature Teachers, Postsecondary	70	100	30	43%	20	50	NA Doctoral degree	
25-1194	Vocational Education Teachers, Postsecondary	40	60	20	50%	10	30	\$42,125 Work experience in a related occupation	
25-1199	Postsecondary Teachers, All Other	130	180	50	38%	30	80	NA Doctoral degree	
25-2000	Primary, Secondary, and Special Education School Teachers	3,140	3,860	720	23%	740	1,460	NA NA	
25-2011	Preschool Teachers, Except Special Education	80	100	20	25%	10	30	NA Bachelor's degree	
25-2012	Kindergarten Teachers, Except Special Education	70	90	20	29%	10	30	\$42,452 Bachelor's degree	
25-2021	Elementary School Teachers, Except Special Education	1,320	1,610	290	22%	290	580	\$45,200 Bachelor's degree	
25-2022	Middle School Teachers, Except Special and Vocational Education	440	530	90	20%	100	190	\$43,257 Bachelor's degree	
25-2031	Secondary School Teachers, Except Special and Vocational Education	890	1,110	220	25%	250	470	\$43,610 Bachelor's degree	
25-2032	Vocational Education Teachers, Secondary School	80	90	10	13%	20	30	NA Bachelor's degree	
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	140	180	40	29%	30	80	\$39,135 Bachelor's degree	
25-2042	Special Education Teachers, Middle School	40	60	20	50%	10	20	\$45,857 Bachelor's degree	
25-2043	Special Education Teachers, Secondary School	80	100	20	25%	20	40	\$45,505 Bachelor's degree	
25-3000	Other Teachers and Instructors	360	500	140	39%	40	180	NA NA	
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	10	NA Bachelor's degree	
25-3021	Self-Enrichment Education Teachers	50	70	20	40%	10	30	\$32,613 Work experience in a related occupation	
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	290	410	120	41%	40	150	NA NA	
25-4000	Librarians, Curators, and Archivists	110	120	10	9%	30	40	NA NA	

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25-4021	Librarians	60	70	10	17%	20	20	\$48,239	Master's degree
25-4031	Library Technicians	40	50	10	25%	10	20	\$21,593	Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	750	930	180	24%	140	320	NA	NA
25-9031	Instructional Coordinators	40	50	10	25%	10	20	\$43,481	Master's degree
25-9041	Teacher Assistants	690	850	160	23%	130	290	\$18,364	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	20	30	10	50%	0	10	NA	NA
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>770</b>	<b>830</b>	<b>60</b>	<b>8%</b>	<b>150</b>	<b>230</b>	<b>\$35,279</b>	<b>NA</b>
27-1000	<i>Art and Design Workers</i>	330	350	20	6%	50	80	NA	NA
27-1014	Multi-Media Artists and Animators	50	50	0	0%	10	10	NA	Bachelor's degree
27-1021	Commercial and Industrial Designers	20	30	10	50%	0	10	NA	Bachelor's degree
27-1023	Floral Designers	50	50	0	0%	10	10	\$20,711	Moderate-term on-the-job training
27-1024	Graphic Designers	70	70	0	0%	10	10	\$29,372	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
27-1099	Art and Design Workers, All Other (OES Only)	90	100	10	11%	20	30	NA	NA
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	140	150	10	7%	30	40	NA	NA
27-2011	Actors	30	30	0	0%	0	0	NA	Long-term on-the-job training
27-2021	Athletes and Sports Competitors	30	30	0	0%	10	10	NA	NA
27-2022	Coaches and Scouts	40	40	0	0%	10	10	NA	Long-term on-the-job training
27-3000	<i>Media and Communication Workers</i>	140	160	20	14%	30	50	NA	NA
27-3010	Announcers	20	20	0	0%	0	0	NA	NA
27-3020	News Analysts, Reporters and Correspondents	30	30	0	0%	10	10	NA	NA
27-3031	Public Relations Specialists	50	70	20	40%	10	30	\$35,617	Bachelor's degree
27-3041	Editors	20	20	0	0%	0	0	NA	Bachelor's degree
27-4000	<i>Media and Communication Equipment Workers</i>	170	180	10	6%	40	60	NA	NA
27-4013	Radio Operators	40	30	-10	-25%	10	10	NA	NA
27-4021	Photographers	110	130	20	18%	20	40	NA	Long-term on-the-job training
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>4,490</b>	<b>5,340</b>	<b>850</b>	<b>19%</b>	<b>840</b>	<b>1,700</b>	<b>\$52,898</b>	<b>NA</b>
29-1000	<i>Health Diagnosing and Treating Practitioners</i>	2,480	3,020	540	22%	480	1,030	NA	NA
29-1011	Chiropractors	30	30	0	0%	10	10	\$119,649	First professional degree
29-1020	Dentists	90	100	10	11%	10	30	NA	NA
29-1031	Dietitians and Nutritionists	20	20	0	0%	0	10	\$36,378	Bachelor's degree
29-1041	Optometrists	40	50	10	25%	10	20	\$129,029	First professional degree
29-1051	Pharmacists	210	260	50	24%	40	90	\$69,475	First professional degree
29-1062	Family and General Practitioners	250	310	60	24%	30	90	\$161,692	First professional degree
29-1066	Psychiatrists	30	40	10	33%	0	20	NA	First professional degree
29-1067	Surgeons	40	60	20	50%	10	20	NA	First professional degree
29-1111	Registered Nurses	1,320	1,600	280	21%	280	560	\$50,100	Associate degree
29-1122	Occupational Therapists	60	70	10	17%	10	20	NA	Bachelor's degree
29-1123	Physical Therapists	150	180	30	20%	20	50	\$93,801	Master's degree
29-1125	Recreational Therapists	30	40	10	33%	10	20	\$19,564	Bachelor's degree
29-1126	Respiratory Therapists	80	100	20	25%	30	50	NA	Associate degree
29-1127	Speech-Language Pathologists	60	70	10	17%	10	30	\$51,707	Master's degree
29-1131	Veterinarians	40	50	10	25%	10	20	\$80,963	First professional degree
29-2000	<i>Health Technologists and Technicians</i>	1,940	2,250	310	16%	350	660	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	80	100	20	25%	20	40	NA	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	90	110	20	22%	30	40	\$31,119	Associate degree
29-2021	Dental Hygienists	60	90	30	50%	10	30	NA	Associate degree
29-2031	Cardiovascular Technologists and Technicians	30	40	10	33%	10	20	NA	Associate degree
29-2032	Diagnostic Medical Sonographers	30	40	10	33%	10	10	\$46,725	Associate degree
29-2034	Radiologic Technologists and Technicians	130	160	30	23%	30	50	\$42,751	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	150	170	20	13%	20	40	\$24,918	Postsecondary vocational training
29-2051	Dietetic Technicians	30	30	0	0%	0	0	NA	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	240	290	50	21%	30	80	\$21,434	Moderate-term on-the-job training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
29-2053	Psychiatric Technicians	100	100	0	0%	10	20	NA	Postsecondary vocational training
29-2055	Surgical Technologists	50	70	20	40%	10	20	NA	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	30	40	10	33%	0	20	NA	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	660	690	30	5%	140	180	\$33,434	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	110	170	60	55%	20	70	\$25,605	Associate degree
29-2081	Opticians, Dispensing	130	140	10	8%	20	40	\$22,833	Long-term on-the-job training
29-9100	<i>Other Health Practitioners And Technical Workers</i>	50	60	10	20%	10	20	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	50	60	10	20%	10	20	NA	NA
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>2,640</b>	<b>3,340</b>	<b>700</b>	<b>27%</b>	<b>430</b>	<b>1,130</b>	<b>\$24,057</b>	<b>NA</b>
31-1000	<i>Nursing, Psychiatric, and Home Health Aides</i>	1,380	1,600	220	16%	180	400	NA	NA
31-1011	Home Health Aides	440	540	100	23%	60	160	\$23,018	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	940	1,060	120	13%	120	240	\$22,634	Short-term on-the-job training
31-2000	<i>Occupational and Physical Therapist Assistants and Aides</i>	80	100	20	25%	10	30	NA	NA
31-2021	Physical Therapist Assistants	50	70	20	40%	10	20	\$39,530	Associate degree
31-2022	Physical Therapist Aides	20	30	10	50%	0	10	\$22,459	Short-term on-the-job training
31-9000	<i>Other Healthcare Support Occupations</i>	1,180	1,640	460	39%	240	690	NA	NA
31-9011	Massage Therapists	70	80	10	14%	10	30	\$38,896	Postsecondary vocational training
31-9091	Dental Assistants	190	270	80	42%	50	140	\$24,854	Moderate-term on-the-job training
31-9092	Medical Assistants	440	690	250	57%	80	330	\$27,730	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	140	190	50	36%	30	70	\$27,362	Postsecondary vocational training
31-9095	Pharmacy Aides	120	120	0	0%	20	30	NA	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	50	70	20	40%	10	20	\$16,456	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	160	210	50	31%	30	70	\$21,313	Short-term on-the-job training
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>1,820</b>	<b>2,080</b>	<b>260</b>	<b>14%</b>	<b>470</b>	<b>730</b>	<b>\$28,451</b>	<b>NA</b>
33-1000	<i>First-Line Supervisors/Managers, Protective Service Workers</i>	100	110	10	10%	30	40	NA	NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	20	0	0%	10	10	\$33,662	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	40	50	10	25%	10	20	\$43,716	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	30	30	0	0%	10	10	\$33,789	Work experience in a related occupation
33-2000	<i>Fire Fighting and Prevention Workers</i>	300	340	40	13%	90	130	NA	NA
33-2011	Fire Fighters	290	340	50	17%	80	130	\$31,572	Long-term on-the-job training
33-3000	<i>Law Enforcement Workers</i>	680	790	110	16%	170	280	NA	NA
33-3012	Correctional Officers and Jailers	150	170	20	13%	30	50	\$24,493	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	20	30	10	50%	10	10	\$35,899	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	490	580	90	18%	130	210	\$34,735	Long-term on-the-job training
33-9000	<i>Other Protective Service Workers</i>	750	840	90	12%	190	280	NA	NA
33-9021	Private Detectives and Investigators	90	110	20	22%	20	40	NA	Work experience in a related occupation
33-9031	Gaming Surveillance Officers and Gaming Investigators	30	40	10	33%	10	20	NA	Moderate-term on-the-job training
33-9032	Security Guards	540	590	50	9%	120	170	\$22,536	Short-term on-the-job training
33-9091	Crossing Guards	50	50	0	0%	20	20	NA	NA
33-9099	Protective Service Workers, All Other	40	40	0	0%	30	30	NA	Short-term on-the-job training
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>9,770</b>	<b>10,840</b>	<b>1,070</b>	<b>11%</b>	<b>3,850</b>	<b>4,980</b>	<b>\$16,284</b>	<b>NA</b>
35-1000	<i>Supervisors, Food Preparation and Serving Workers</i>	920	1,010	90	10%	230	320	NA	NA
35-1011	Chefs and Head Cooks	130	150	20	15%	40	60	\$22,178	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	790	860	70	9%	190	260	\$26,033	Work experience in a related occupation
35-2000	<i>Cooks and Food Preparation Workers</i>	3,230	3,430	200	6%	1,040	1,310	NA	NA
35-2011	Cooks, Fast Food	1,000	980	-20	-2%	310	310	\$14,953	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	570	530	-40	-7%	180	180	\$19,919	Long-term on-the-job training
35-2014	Cooks, Restaurant	630	750	120	19%	200	320	\$18,050	Long-term on-the-job training
35-2015	Cooks, Short Order	120	130	10	8%	40	50	\$15,125	Short-term on-the-job training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
35-2021	Food Preparation Workers	910	1,040	130	14%	320	460	\$16,811	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	4,790	5,480	690	14%	2,310	3,000	NA NA	
35-3011	Bartenders	270	270	0	0%	110	110	\$15,856	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,990	2,290	300	15%	860	1,160	\$14,882	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	560	620	60	11%	370	430	\$15,481	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,750	2,010	260	15%	900	1,160	\$13,320	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	220	290	70	32%	80	140	NA	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	820	910	90	11%	270	360	NA NA	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	220	250	30	14%	70	100	\$13,381	Short-term on-the-job training
35-9021	Dishwashers	270	290	20	7%	90	110	\$13,776	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	240	290	50	21%	80	120	\$15,600	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	90	90	0	0%	30	30	NA	Short-term on-the-job training
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>3,120</b>	<b>3,430</b>	<b>310</b>	<b>10%</b>	<b>620</b>	<b>930</b>	<b>\$21,310</b>	<b>NA</b>
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	230	260	30	13%	40	70	NA NA	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	120	130	10	8%	30	40	\$29,291	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	110	130	20	18%	10	30	\$33,042	Work experience in a related occupation
37-2000	Building Cleaning and Pest Control Workers	2,250	2,450	200	9%	440	640	NA NA	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,480	1,640	160	11%	280	440	\$22,072	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	740	780	40	5%	160	200	\$16,322	Short-term on-the-job training
37-2021	Pest Control Workers	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
37-3000	Grounds Maintenance Workers	640	720	80	13%	140	220	NA NA	
37-3011	Landscaping and Groundskeeping Workers	640	720	80	13%	140	220	\$19,488	Short-term on-the-job training
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>3,520</b>	<b>4,120</b>	<b>600</b>	<b>17%</b>	<b>910</b>	<b>1,510</b>	<b>\$19,113</b>	<b>NA</b>
39-1000	Supervisors, Personal Care and Service Workers	550	630	80	15%	130	200	NA NA	
39-1011	Gaming Supervisors	270	340	70	26%	60	120	NA	Postsecondary vocational training
39-1012	Slot Key Persons	40	40	0	0%	10	20	NA	Postsecondary vocational training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	250	250	0	0%	60	60	\$29,261	Work experience in a related occupation
39-2000	Animal Care and Service Workers	50	60	10	20%	10	20	NA NA	
39-2021	Nonfarm Animal Caretakers	50	50	0	0%	10	20	\$17,304	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	950	1,240	290	31%	310	600	NA NA	
39-3011	Gaming Dealers	760	1,020	260	34%	240	500	NA	Postsecondary vocational training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	40	40	0	0%	20	20	NA	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	90	110	20	22%	30	50	NA	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	20	0	0%	10	10	NA	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	40	50	10	25%	10	20	NA NA	
39-4000	Funeral Service Workers	60	60	0	0%	10	20	NA NA	
39-4011	Embalmers	40	40	0	0%	10	10	NA NA	
39-4021	Funeral Attendants	20	20	0	0%	0	10	\$20,669	Short-term on-the-job training
39-5000	Personal Appearance Workers	390	450	60	15%	80	130	NA NA	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	360	420	60	17%	70	120	\$21,265	Postsecondary vocational training
39-9000	Other Personal Care and Service Workers	1,510	1,680	170	11%	370	540	NA NA	
39-9011	Child Care Workers	910	960	50	5%	250	310	\$15,983	Short-term on-the-job training
39-9021	Personal and Home Care Aides	210	240	30	14%	30	60	\$18,276	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	150	210	60	40%	30	100	\$21,161	Postsecondary vocational training
39-9032	Recreation Workers	130	150	20	15%	30	50	\$19,475	Bachelor's degree
39-9041	Residential Advisors	110	110	0	0%	20	30	\$24,118	Moderate-term on-the-job training
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>10,970</b>	<b>11,760</b>	<b>790</b>	<b>7%</b>	<b>3,770</b>	<b>4,590</b>	<b>\$26,120</b>	<b>NA</b>

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
41-1000	Supervisors, Sales Workers	1,520	1,580	60	4%	280	340	NA NA	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,260	1,310	50	4%	230	270	\$36,957	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	260	270	10	4%	50	60	\$55,373	Work experience in a related occupation
41-2000	Retail Sales Workers	7,090	7,600	510	7%	2,990	3,500	NA NA	
41-2011	Cashiers	3,160	3,330	170	5%	1,540	1,710	\$15,797	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	210	280	70	33%	100	170	NA	Short-term on-the-job training
41-2021	Counter and Rental Clerks	470	510	40	9%	180	220	\$24,098	Short-term on-the-job training
41-2022	Parts Salespersons	180	170	-10	-6%	50	50	\$26,897	Moderate-term on-the-job training
41-2031	Retail Salespersons	3,080	3,310	230	7%	1,120	1,350	\$22,892	Short-term on-the-job training
41-3000	Sales Representatives, Services	550	610	60	11%	110	180	NA NA	
41-3011	Advertising Sales Agents	50	60	10	20%	10	20	\$31,042	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	340	380	40	12%	80	120	\$50,148	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	120	140	20	17%	10	30	NA	Bachelor's degree
41-3041	Travel Agents	50	40	-10	-20%	10	10	NA	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	830	910	80	10%	220	300	NA NA	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	100	120	20	20%	30	40	\$67,598	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	730	790	60	8%	190	260	\$43,526	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	970	1,060	90	9%	180	280	NA NA	
41-9011	Demonstrators and Product Promoters	40	40	0	0%	10	10	NA	Moderate-term on-the-job training
41-9021	Real Estate Brokers	20	20	0	0%	0	10	NA	Work experience in a related occupation
41-9022	Real Estate Sales Agents	210	200	-10	-5%	40	40	\$33,632	Postsecondary vocational training
41-9031	Sales Engineers	50	50	0	0%	10	20	\$52,524	Bachelor's degree
41-9041	Telemarketers	480	560	80	17%	80	150	\$23,930	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	170	190	20	12%	30	50	\$26,495	Moderate-term on-the-job training
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>15,530</b>	<b>15,910</b>	<b>380</b>	<b>2%</b>	<b>3,660</b>	<b>4,490</b>	<b>\$25,723</b>	<b>NA</b>
43-1000	Supervisors, Office and Administrative Support Workers	1,100	1,130	30	3%	240	260	NA NA	
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wor	1,100	1,130	30	3%	240	260	\$38,235	Work experience in a related occupation
43-2000	Communications Equipment Operators	150	160	10	7%	40	50	NA NA	
43-2011	Switchboard Operators, Including Answering Service	150	160	10	7%	40	50	\$20,795	Short-term on-the-job training
43-3000	Financial Clerks	2,980	3,120	140	5%	780	950	NA NA	
43-3011	Bill and Account Collectors	190	230	40	21%	40	70	\$27,119	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	400	420	20	5%	70	80	\$24,577	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,450	1,430	-20	-1%	270	270	\$25,462	Moderate-term on-the-job training
43-3041	Gaming Cage Workers	150	180	30	20%	70	100	NA	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	210	220	10	5%	60	70	\$27,451	Short-term on-the-job training
43-3061	Procurement Clerks	40	40	0	0%	10	10	\$29,348	Short-term on-the-job training
43-3071	Tellers	550	620	70	13%	270	340	\$20,420	Short-term on-the-job training
43-4000	Information and Record Clerks	2,710	3,010	300	11%	600	980	NA NA	
43-4031	Court, Municipal, and License Clerks	210	220	10	5%	50	60	NA	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	0%	0	0	NA	Short-term on-the-job training
43-4051	Customer Service Representatives	700	810	110	16%	100	210	\$27,954	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	50	40	-10	-20%	10	10	NA	Moderate-term on-the-job training
43-4071	File Clerks	80	70	-10	-13%	20	20	\$21,109	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	160	180	20	13%	70	90	\$15,376	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	100	120	20	20%	30	50	\$21,463	Short-term on-the-job training
43-4121	Library Assistants, Clerical	20	30	10	50%	10	10	\$23,059	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	120	110	-10	-8%	20	20	\$29,745	Short-term on-the-job training
43-4141	New Accounts Clerks	50	50	0	0%	10	20	NA	Work experience in a related occupation
43-4151	Order Clerks	280	230	-50	-18%	60	60	\$24,692	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	100	120	20	20%	20	40	\$29,466	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	660	840	180	27%	160	340	\$20,255	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	150	160	10	7%	20	30	NA NA	

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	3,030	2,870	-160	-5%	900	940	NA NA	
43-5011	Cargo and Freight Agents	40	50	10	25%	10	20	NA	Moderate-term on-the-job training
43-5021	Couriers and Messengers	50	50	0	0%	10	10	\$21,320	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	150	150	0	0%	30	40	\$25,059	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	140	150	10	7%	30	40	\$34,659	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	60	60	0	0%	20	20	\$26,970	NA
43-5051	Postal Service Clerks	70	70	0	0%	20	20	\$42,300	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	350	330	-20	-6%	110	110	\$41,085	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operato	30	30	0	0%	10	10	\$26,481	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	160	180	20	13%	40	50	\$34,850	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	650	620	-30	-5%	130	130	\$25,218	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1,290	1,150	-140	-11%	480	480	\$19,381	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	30	30	0	0%	10	10	\$27,826	Short-term on-the-job training
43-6000	Secretaries and Administrative Assistants	2,340	2,380	40	2%	450	530	NA NA	
43-6011	Executive Secretaries and Administrative Assistants	850	900	50	6%	160	210	\$30,952	Moderate-term on-the-job training
43-6012	Legal Secretaries	70	90	20	29%	10	30	\$27,514	Postsecondary vocational training
43-6013	Medical Secretaries	270	300	30	11%	50	80	\$24,520	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,140	1,100	-40	-4%	220	220	\$23,090	Moderate-term on-the-job training
43-9000	Other Office and Administrative Support Workers	3,230	3,230	0	0%	660	780	NA NA	
43-9011	Computer Operators	60	50	-10	-17%	10	10	\$31,338	Moderate-term on-the-job training
43-9021	Data Entry Keyers	90	80	-10	-11%	20	20	\$20,873	Moderate-term on-the-job training
43-9022	Word Processors and Typists	60	40	-20	-33%	10	10	\$21,807	Moderate-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	80	90	10	13%	10	20	NA	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	0%	10	10	\$22,955	Short-term on-the-job training
43-9061	Office Clerks, General	1,820	1,940	120	7%	400	520	\$20,710	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	100	100	0	0%	30	30	NA	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	20	10	-10	-50%	0	0	\$30,044	Short-term on-the-job training
43-9111	Statistical Assistants	930	870	-60	-6%	150	150	NA	Moderate-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	40	40	0	0%	10	10	NA NA	
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>360</b>	<b>380</b>	<b>20</b>	<b>6%</b>	<b>90</b>	<b>120</b>	<b>\$20,779</b>	<b>NA</b>
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	40	40	0	0%	10	10	NA NA	
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Worker	40	40	0	0%	10	10	NA	Work experience in a related occupation
45-2000	Agricultural Workers	260	280	20	8%	70	90	NA NA	
45-2091	Agricultural Equipment Operators	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	180	190	10	6%	50	60	\$17,459	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	50	60	10	20%	10	20	NA	Moderate-term on-the-job training
45-4000	Forest, Conservation, and Logging Workers	40	40	0	0%	10	10	NA NA	
45-4021	Fallers	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
45-9000	Other Farming, Fishing, and Forestry Workers	20	20	0	0%	0	10	NA NA	
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	20	20	0	0%	0	10	NA NA	
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>5,560</b>	<b>6,030</b>	<b>470</b>	<b>8%</b>	<b>1,070</b>	<b>1,540</b>	<b>\$35,905</b>	<b>NA</b>
47-1000	Supervisors, Construction and Extraction Workers	590	650	60	10%	100	160	NA NA	
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	590	650	60	10%	100	160	\$46,498	Work experience in a related occupation
47-2000	Construction Trades Workers	4,590	4,970	380	8%	870	1,260	NA NA	
47-2021	Brickmasons and Blockmasons	150	160	10	7%	20	30	\$39,884	Long-term on-the-job training
47-2022	Stonemasons	20	20	0	0%	0	0	NA	Long-term on-the-job training
47-2031	Carpenters	690	730	40	6%	110	150	\$31,174	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	260	310	50	19%	50	100	\$27,762	Long-term on-the-job training
47-2061	Construction Laborers	940	1,030	90	10%	130	210	\$33,110	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	70	80	10	14%	10	20	\$39,002	Moderate-term on-the-job training
47-2072	Pile-Driver Operators	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	620	700	80	13%	160	240	\$37,289	Moderate-term on-the-job training



Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
47-2081	Drywall and Ceiling Tile Installers	120	140	20	17%	30	40	\$30,460	Moderate-term on-the-job training
47-2082	Tapers	40	40	0	0%	10	10	NA	Moderate-term on-the-job training
47-2111	Electricians	420	460	40	10%	80	120	\$39,262	Long-term on-the-job training
47-2130	Insulation Workers	70	80	10	14%	20	30	NA	NA
47-2141	Painters, Construction and Maintenance	280	290	10	4%	40	50	\$26,780	Moderate-term on-the-job training
47-2151	Pipelayers	60	70	10	17%	10	20	\$37,193	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	470	500	30	6%	110	140	\$41,134	Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	30	30	0	0%	10	10	NA	Long-term on-the-job training
47-2181	Roofers	120	120	0	0%	30	30	NA	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	140	150	10	7%	30	40	NA	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	40	40	0	0%	10	10	\$47,262	Long-term on-the-job training
47-3000	Helpers, Construction Trades	110	110	0	0%	40	50	NA	NA
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble :	30	30	0	0%	10	10	\$25,544	Short-term on-the-job training
47-3012	Helpers--Carpenters	20	20	0	0%	10	10	NA	Short-term on-the-job training
47-3013	Helpers--Electricians	20	20	0	0%	10	10	NA	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	30	30	0	0%	10	10	\$25,967	Short-term on-the-job training
47-4000	Other Construction and Related Workers	210	220	10	5%	40	50	NA	NA
47-4011	Construction and Building Inspectors	30	40	10	33%	10	10	\$31,993	Work experience in a related occupation
47-4051	Highway Maintenance Workers	150	150	0	0%	20	30	\$25,264	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
47-4900	All Other Construction Trades and Related Workers	20	20	0	0%	0	10	NA	NA
47-4999	Construction Trades and Related Workers, All Other (OES Only)	20	20	0	0%	0	10	NA	NA
47-5000	Extraction Workers	50	50	0	0%	10	10	NA	NA
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	0	\$29,021	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	20	20	0	0%	0	0	NA	Short-term on-the-job training
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>4,790</b>	<b>5,290</b>	<b>500</b>	<b>10%</b>	<b>1,110</b>	<b>1,610</b>	<b>\$34,031</b>	<b>NA</b>
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	560	610	50	9%	140	190	NA	NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	560	610	50	9%	140	190	\$43,006	Work experience in a related occupation
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	240	260	20	8%	40	60	NA	NA
49-2011	Computer, Automated Teller, and Office Machine Repairers	120	130	10	8%	20	20	NA	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	20	20	0	0%	0	10	NA	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	20	20	0	0%	10	10	\$35,210	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	60	70	10	17%	10	20	NA	Postsecondary vocational training
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	1,450	1,590	140	10%	390	520	NA	NA
49-3011	Aircraft Mechanics and Service Technicians	20	30	10	50%	10	10	NA	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	180	200	20	11%	40	50	\$36,743	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	630	700	70	11%	170	230	\$29,562	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	330	360	30	9%	80	110	\$36,207	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	50	60	10	20%	10	20	\$29,345	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	20	\$32,215	Postsecondary vocational training
49-3092	Recreational Vehicle Service Technicians	20	20	0	0%	10	10	NA	Long-term on-the-job training
49-3093	Tire Repairers and Changers	110	120	10	9%	50	50	\$21,821	Short-term on-the-job training
49-9000	Other Installation, Maintenance, and Repair Occupations	2,540	2,830	290	11%	540	840	NA	NA
49-9011	Mechanical Door Repairers	80	90	10	13%	20	30	NA	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	240	290	50	21%	30	80	\$37,754	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	280	300	20	7%	60	80	\$33,057	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,180	1,320	140	12%	230	360	\$31,953	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	90	100	10	11%	20	30	\$37,036	Long-term on-the-job training
49-9044	Millwrights	40	40	0	0%	10	10	NA	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	70	80	10	14%	20	30	NA	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	60	90	30	50%	20	40	\$43,110	Long-term on-the-job training
49-9062	Medical Equipment Repairers	30	30	0	0%	10	10	\$33,226	Moderate-term on-the-job training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
49-9064	Watch Repairers	20	20	0	0%	10	10	NA	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	90	110	20	22%	20	40	NA	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	30	20	-10	-33%	10	10	NA	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	190	20	12%	60	80	\$22,598	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	100	110	10	10%	20	30	\$31,814	Long-term on-the-job training
<b>51-0000</b>	<b>Production Occupations</b>	<b>14,980</b>	<b>15,280</b>	<b>300</b>	<b>2%</b>	<b>3,690</b>	<b>4,440</b>	<b>\$28,371</b>	<b>NA</b>
51-1000	Supervisors, Production Workers	1,000	1,080	80	8%	210	290	NA	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,000	1,080	80	8%	210	290	\$43,940	Work experience in a related occupation
51-2000	Assemblers and Fabricators	2,690	2,460	-230	-9%	690	700	NA	NA
51-2022	Electrical and Electronic Equipment Assemblers	80	60	-20	-25%	20	20	NA	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	120	110	-10	-8%	30	30	NA	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	160	160	0	0%	40	40	\$28,781	Moderate-term on-the-job training
51-2092	Team Assemblers	2,180	1,980	-200	-9%	570	570	\$24,410	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	140	150	10	7%	40	40	\$18,911	Moderate-term on-the-job training
51-3000	Food Processing Workers	830	890	60	7%	190	250	NA	NA
51-3011	Bakers	120	130	10	8%	30	40	\$20,143	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	120	100	-20	-17%	30	30	\$25,784	Long-term on-the-job training
51-3023	Slaughtering and Meat Packers	410	440	30	7%	90	130	NA	Moderate-term on-the-job training
51-3092	Food Batchmakers	110	130	20	18%	30	40	\$29,477	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	70	80	10	14%	20	20	\$23,224	Short-term on-the-job training
51-4000	Metal Workers and Plastic Workers	3,670	3,730	60	2%	960	1,100	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	100	110	10	10%	20	30	\$29,841	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	210	200	-10	-5%	70	70	\$27,200	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	70	70	0	0%	10	20	\$22,892	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	10	\$26,154	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	190	180	-10	-5%	40	40	\$26,591	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	390	370	-20	-5%	120	120	NA	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	80	80	0	0%	20	20	\$28,201	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	100	90	-10	-10%	20	20	\$33,012	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
51-4041	Machinists	350	340	-10	-3%	80	80	\$34,450	Long-term on-the-job training
51-4071	Foundry Mold and Coremakers	50	60	10	20%	10	20	NA	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	340	360	20	6%	80	110	\$25,860	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	330	330	0	0%	90	90	NA	Moderate-term on-the-job training
51-4111	Tool and Die Makers	120	110	-10	-8%	30	30	\$35,736	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	1,080	1,170	90	8%	310	400	\$30,450	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders, Metal and Plastic	130	120	-10	-8%	40	40	\$28,166	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0%	10	10	NA	Moderate-term on-the-job training
51-5000	Printing Workers	540	490	-50	-9%	130	130	NA	NA
51-5011	Bindery Workers	20	20	0	0%	10	10	\$21,855	Moderate-term on-the-job training
51-5021	Job Printers	200	190	-10	-5%	50	50	NA	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	80	70	-10	-13%	20	20	\$31,722	Long-term on-the-job training
51-5023	Printing Machine Operators	230	220	-10	-4%	50	50	\$29,537	Moderate-term on-the-job training
51-6000	Textile, Apparel, and Furnishings Workers	510	560	50	10%	90	160	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	110	110	0	0%	30	30	\$16,855	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	100	90	-10	-10%	20	20	NA	Short-term on-the-job training
51-6031	Sewing Machine Operators	190	260	70	37%	20	90	\$21,614	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic Rubber, Plastic, and Glass	60	60	0	0%	10	10	NA	Moderate-term on-the-job training
51-6093	Upholsterers	30	20	-10	-33%	10	10	NA	Long-term on-the-job training
51-7000	Woodworkers	1,620	1,600	-20	-1%	410	420	NA	NA
51-7011	Cabinetmakers and Bench Carpenters	500	510	10	2%	120	130	\$33,982	Long-term on-the-job training
51-7021	Furniture Finishers	280	260	-20	-7%	60	60	\$26,138	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	160	170	10	6%	50	50	\$22,364	Moderate-term on-the-job training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>	Education Requirement <sup>3</sup>
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	660	630	-30	-5%	170	170	\$24,332	Moderate-term on-the-job training
51-8000	<i>Plant and System Operators</i>	290	340	50	17%	80	130	NA	NA
51-8012	Power Distributors and Dispatchers	20	20	0	0%	10	10	NA	Long-term on-the-job training
51-8013	Power Plant Operators	80	90	10	13%	20	30	NA	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	40	50	10	25%	10	10	\$33,964	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	100	120	20	20%	30	60	\$29,153	Long-term on-the-job training
51-8092	Gas Plant Operators	40	40	0	0%	10	10	NA	Long-term on-the-job training
51-9000	<i>Other Production Occupations</i>	3,830	4,140	310	8%	930	1,260	NA	NA
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	40	40	0	0%	10	10	\$28,064	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	210	210	0	0%	60	60	\$34,504	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	360	460	100	28%	70	180	NA	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	90	100	10	11%	20	30	NA	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	50	60	10	20%	10	20	\$26,232	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	470	500	30	6%	110	140	\$29,562	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	20	30	10	50%	10	10	\$29,938	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	40	40	0	0%	10	10	\$24,881	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	380	390	10	3%	80	90	\$26,049	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	380	450	70	18%	100	170	\$25,154	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	20	30	10	50%	10	10	NA	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	70	80	10	14%	20	30	\$21,450	Short-term on-the-job training
51-9141	Semiconductor Processors	80	90	10	13%	20	20	NA	NA
51-9191	Cementing and Gluing Machine Operators and Tenders	130	150	20	15%	40	50	\$22,909	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	40	50	10	25%	10	20	NA	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	180	180	0	0%	40	40	NA	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	870	910	40	5%	240	290	\$23,330	Short-term on-the-job training
51-9199	Production Workers, All Other	300	300	0	0%	70	70	\$25,811	Moderate-term on-the-job training
53-0000	<b>Transportation and Material Moving Occupations</b>	<b>11,950</b>	<b>12,860</b>	<b>910</b>	<b>8%</b>	<b>2,900</b>	<b>3,900</b>	<b>\$30,034</b>	<b>NA</b>
53-1000	<i>Supervisors, Transportation and Material Moving Workers</i>	440	480	40	9%	100	140	NA	NA
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Mover	170	180	10	6%	40	50	\$36,321	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine Operators	270	300	30	11%	60	90	\$48,390	Work experience in a related occupation
53-2000	<i>Air Transportation Workers</i>	30	30	0	0%	10	10	NA	NA
53-2012	Commercial Pilots	20	20	0	0%	10	10	\$51,182	Postsecondary vocational training
53-3000	<i>Motor Vehicle Operators</i>	4,140	4,600	460	11%	650	1,110	NA	NA
53-3021	Bus Drivers, Transit and Intercity	80	90	10	13%	20	30	NA	Moderate-term on-the-job training
53-3022	Bus Drivers, School	350	370	20	6%	80	100	\$26,983	Short-term on-the-job training
53-3031	Driver/Sales Workers	220	210	-10	-5%	40	40	NA	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,750	3,100	350	13%	450	800	\$33,272	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	690	740	50	7%	60	120	\$28,217	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	50	70	20	40%	10	20	\$15,399	Short-term on-the-job training
53-4000	<i>Rail Transportation Workers</i>	30	40	10	33%	10	10	NA	NA
53-5000	<i>Water Transportation Workers</i>	1,900	1,830	-70	-4%	700	700	NA	NA
53-5011	Sailors and Marine Oilers	850	830	-20	-2%	300	300	NA	Short-term on-the-job training
53-5021	Captains, Mates, and Pilots of Water Vessels	390	370	-20	-5%	110	110	NA	Work experience in a related occupation
53-5031	Ship Engineers	660	630	-30	-5%	290	290	NA	Postsecondary vocational training
53-6000	<i>Other Transportation Workers</i>	190	200	10	5%	60	70	NA	NA
53-6021	Parking Lot Attendants	140	150	10	7%	40	50	\$16,526	Short-term on-the-job training
53-6031	Service Station Attendants	30	30	0	0%	10	10	NA	Short-term on-the-job training
53-6099	Transportation Workers, All Other	20	20	0	0%	10	10	NA	Short-term on-the-job training
53-7000	<i>Material Moving Workers</i>	5,220	5,690	470	9%	1,380	1,860	NA	NA
53-7011	Conveyor Operators and Tenders	90	100	10	11%	30	30	NA	Short-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Total		2004	Education Requirement <sup>3</sup>
		Employment	Projection	Growth	Change	Replacements <sup>1</sup>	Openings	Annual Wage <sup>2</sup>	
53-7021	Crane and Tower Operators	70	80	10	14%	20	20	\$38,963	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	60	70	10	17%	20	20	\$31,491	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	930	990	60	6%	180	230	\$27,094	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	320	330	10	3%	110	120	\$20,731	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,950	2,160	210	11%	640	850	\$21,628	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	540	530	-10	-2%	150	150	\$21,376	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	1,100	1,280	180	16%	210	390	\$20,508	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	120	110	-10	-8%	30	30	NA	Short-term on-the-job training
53-7199	Material Moving Workers, All Other	20	30	10	50%	10	10	NA	Short-term on-the-job training

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.
- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

- 3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.

Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 10**

**Education Requirement <sup>3</sup>**

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	2004 Annual Wage <sup>2</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>104,790</b>	<b>114,960</b>	<b>10,170</b>	<b>10%</b>	<b>26,400</b>	<b>37,730</b>	<b>\$30,488</b>
<b>First professional degree</b>								
23-1011	Lawyers	140	170	30	21%	20	50	\$62,120
29-1011	Chiropractors	30	30	0	0%	10	10	\$119,649
29-1041	Optometrists	40	50	10	25%	10	20	\$129,029
29-1051	Pharmacists	210	260	50	24%	40	90	\$69,475
29-1062	Family and General Practitioners	250	310	60	24%	30	90	\$161,692
29-1066	Psychiatrists	30	40	10	33%	0	20	NA
29-1067	Surgeons	40	60	20	50%	10	20	NA
29-1131	Veterinarians	40	50	10	25%	10	20	\$80,963
<b>Master's degree</b>								
15-2041	Statisticians	70	70	0	0%	20	20	NA
19-3031	Clinical, Counseling, and School Psychologists	40	40	0	0%	10	20	\$50,152
21-1012	Educational, Vocational, and School Counselors	110	120	10	9%	20	40	\$41,403
21-1013	Marriage and Family Therapists	20	30	10	50%	0	10	NA
21-1014	Mental Health Counselors	50	80	30	60%	10	30	NA
21-1015	Rehabilitation Counselors	90	120	30	33%	20	50	\$25,364
21-1091	Health Educators	40	50	10	25%	10	20	NA
25-4021	Librarians	60	70	10	17%	20	20	\$48,239
25-9031	Instructional Coordinators	40	50	10	25%	10	20	\$43,481
29-1123	Physical Therapists	150	180	30	20%	20	50	\$93,801
29-1127	Speech-Language Pathologists	60	70	10	17%	10	30	\$51,707
<b>Work experience plus bachelor's or higher degree</b>								
11-1011	Chief Executives	290	320	30	10%	60	80	\$127,946
11-1021	General and Operations Managers	1,050	1,180	130	12%	200	330	\$76,864
11-2011	Advertising and Promotions Managers	20	30	10	50%	0	10	\$58,234
11-2021	Marketing Managers	50	60	10	20%	10	20	\$70,182
11-2022	Sales Managers	110	140	30	27%	20	40	\$88,378
11-3011	Administrative Services Managers	90	100	10	11%	20	30	\$48,191
11-3021	Computer and Information Systems Managers	100	130	30	30%	20	40	\$71,116
11-3031	Financial Managers	230	260	30	13%	30	60	\$66,498
11-3061	Purchasing Managers	50	50	0	0%	10	10	\$70,776
11-9011	Farm, Ranch, and Other Agricultural Managers	40	50	10	25%	10	10	NA
11-9031	Education Administrators, Preschool and Child Care Center/Program	20	20	0	0%	0	10	\$43,037
11-9032	Education Administrators, Elementary and Secondary School	130	160	30	23%	30	60	\$67,922
11-9033	Education Administrators, Postsecondary	40	50	10	25%	10	20	NA
11-9041	Engineering Managers	80	90	10	13%	20	20	\$91,628
11-9111	Medical and Health Services Managers	150	180	30	20%	30	70	\$64,945
11-9121	Natural Sciences Managers	40	40	0	0%	10	10	\$78,397
13-1111	Management Analysts	70	100	30	43%	10	40	\$69,274
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	\$75,712
<b>Bachelor's degree</b>								
11-3051	Industrial Production Managers	210	230	20	10%	40	60	\$68,188
11-9021	Construction Managers	120	130	10	8%	20	30	\$57,515
11-9141	Property, Real Estate, and Community Association Managers	80	90	10	13%	20	20	\$47,392
11-9151	Social and Community Service Managers	70	90	20	29%	10	30	\$40,535
13-1022	Wholesale and Retail Buyers, Except Farm Products	60	60	0	0%	20	20	\$35,762
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	140	150	10	7%	30	50	\$41,209
13-1051	Cost Estimators	200	210	10	5%	40	60	\$41,713
13-1071	Employment, Recruitment, and Placement Specialists	100	130	30	30%	20	50	\$35,070
13-1072	Compensation, Benefits, and Job Analysis Specialists	30	40	10	33%	0	10	\$40,889

13-1073	Training and Development Specialists	100	130	30	30%	20	50	\$31,921
13-1199	Business Operations Specialists, All Other	290	350	60	21%	50	110	\$43,557
13-2011	Accountants and Auditors	460	540	80	17%	90	170	\$45,258
13-2041	Credit Analysts	20	30	10	50%	0	10	\$57,252
13-2052	Personal Financial Advisors	20	20	0	0%	0	10	NA
13-2072	Loan Officers	270	340	70	26%	40	110	\$47,795
13-2099	Financial Specialists, All Other	20	20	0	0%	0	10	\$59,187
15-1021	Computer Programmers	60	60	0	0%	10	10	\$48,823
15-1031	Computer Software Engineers, Applications	20	30	10	50%	0	10	\$58,168
15-1032	Computer Software Engineers, Systems Software	210	280	70	33%	20	90	NA
15-1051	Computer Systems Analysts	120	160	40	33%	10	60	\$54,434
15-1061	Database Administrators	20	30	10	50%	0	10	\$38,319
15-1071	Network and Computer Systems Administrators	70	90	20	29%	10	30	\$47,371
15-1081	Network Systems and Data Communications Analysts	20	30	10	50%	0	10	\$46,080
17-1011	Architects, Except Landscape and Naval	70	100	30	43%	10	40	\$50,251
17-1022	Surveyors	30	30	0	0%	10	10	\$39,815
17-2051	Civil Engineers	30	30	0	0%	10	10	\$60,922
17-2061	Computer Hardware Engineers	70	80	10	14%	10	20	NA
17-2071	Electrical Engineers	30	30	0	0%	10	10	\$58,969
17-2072	Electronics Engineers, Except Computer	20	30	10	50%	0	10	\$65,984
17-2112	Industrial Engineers	100	110	10	10%	20	30	\$58,332
17-2131	Materials Engineers	30	30	0	0%	10	10	NA
17-2141	Mechanical Engineers	90	90	0	0%	20	30	\$58,720
17-2199	Engineers, All Other	70	90	20	29%	10	30	\$52,297
21-1021	Child, Family, and School Social Workers	300	340	40	13%	50	90	\$29,686
21-1022	Medical and Public Health Social Workers	30	40	10	33%	10	20	\$33,498
21-1092	Probation Officers and Correctional Treatment Specialists	30	30	0	0%	10	10	NA
25-2011	Preschool Teachers, Except Special Education	80	100	20	25%	10	30	NA
25-2012	Kindergarten Teachers, Except Special Education	70	90	20	29%	10	30	\$42,452
25-2021	Elementary School Teachers, Except Special Education	1,320	1,610	290	22%	290	580	\$45,200
25-2022	Middle School Teachers, Except Special and Vocational Education	440	530	90	20%	100	190	\$43,257
25-2031	Secondary School Teachers, Except Special and Vocational Education	890	1,110	220	25%	250	470	\$43,610
25-2032	Vocational Education Teachers, Secondary School	80	90	10	13%	20	30	NA
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	140	180	40	29%	30	80	\$39,135
25-2042	Special Education Teachers, Middle School	40	60	20	50%	10	20	\$45,857
25-2043	Special Education Teachers, Secondary School	80	100	20	25%	20	40	\$45,505
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	10	NA
27-1014	Multi-Media Artists and Animators	50	50	0	0%	10	10	NA
27-1021	Commercial and Industrial Designers	20	30	10	50%	0	10	NA
27-1024	Graphic Designers	70	70	0	0%	10	10	\$29,372
27-3031	Public Relations Specialists	50	70	20	40%	10	30	\$35,617
27-3041	Editors	20	20	0	0%	0	0	NA
29-1031	Dietitians and Nutritionists	20	20	0	0%	0	10	\$36,378
29-1122	Occupational Therapists	60	70	10	17%	10	20	NA
29-1125	Recreational Therapists	30	40	10	33%	10	20	\$19,564
29-2011	Medical and Clinical Laboratory Technologists	80	100	20	25%	20	40	NA
39-9032	Recreation Workers	130	150	20	15%	30	50	\$19,475
41-3021	Insurance Sales Agents	340	380	40	12%	80	120	\$50,148
41-3031	Securities, Commodities, and Financial Services Sales Agents	120	140	20	17%	10	30	NA
41-9031	Sales Engineers	50	50	0	0%	10	20	\$52,524

#### Associate degree

15-1041	Computer Support Specialists	170	200	30	18%	20	50	\$35,603
17-3023	Electrical and Electronic Engineering Technicians	70	90	20	29%	20	30	\$44,913
17-3026	Industrial Engineering Technicians	80	100	20	25%	20	30	\$44,296
19-4011	Agricultural and Food Science Technicians	20	20	0	0%	0	0	NA
19-4031	Chemical Technicians	40	40	0	0%	10	10	\$39,311
19-4091	Environmental Science and Protection Technicians, Including Health	40	60	20	50%	10	30	\$32,042
19-4099	Life, Physical, and Social Science Technicians, All Other	20	30	10	50%	10	10	NA
23-2011	Paralegals and Legal Assistants	70	90	20	29%	10	30	\$32,376
29-1111	Registered Nurses	1,320	1,600	280	21%	280	560	\$50,100
29-1126	Respiratory Therapists	80	100	20	25%	30	50	NA
29-2012	Medical and Clinical Laboratory Technicians	90	110	20	22%	30	40	\$31,119
29-2021	Dental Hygienists	60	90	30	50%	10	30	NA
29-2031	Cardiovascular Technologists and Technicians	30	40	10	33%	10	20	NA
29-2032	Diagnostic Medical Sonographers	30	40	10	33%	10	10	\$46,725
29-2034	Radiologic Technologists and Technicians	130	160	30	23%	30	50	\$42,751
29-2056	Veterinary Technologists and Technicians	30	40	10	33%	0	20	NA

29-2071	Medical Records and Health Information Technicians	110	170	60	55%	20	70	\$25,605
31-2021	Physical Therapist Assistants	50	70	20	40%	10	20	\$39,530
<b>Postsecondary vocational training</b>								
13-2021	Appraisers and Assessors of Real Estate	150	180	30	20%	30	60	\$24,841
17-3011	Architectural and Civil Drafters	30	40	10	33%	10	20	\$35,024
17-3013	Mechanical Drafters	70	70	0	0%	20	20	\$39,318
23-2091	Court Reporters	30	30	0	0%	0	10	\$25,290
29-2041	Emergency Medical Technicians and Paramedics	150	170	20	13%	20	40	\$24,918
29-2053	Psychiatric Technicians	100	100	0	0%	10	20	NA
29-2055	Surgical Technologists	50	70	20	40%	10	20	NA
29-2061	Licensed Practical and Licensed Vocational Nurses	660	690	30	5%	140	180	\$33,434
31-9011	Massage Therapists	70	80	10	14%	10	30	\$38,896
31-9094	Medical Transcriptionists	140	190	50	36%	30	70	\$27,362
35-1011	Chefs and Head Cooks	130	150	20	15%	40	60	\$22,178
39-1011	Gaming Supervisors	270	340	70	26%	60	120	NA
39-1012	Slot Key Persons	40	40	0	0%	10	20	NA
39-3011	Gaming Dealers	760	1,020	260	34%	240	500	NA
39-5012	Hairdressers, Hairstylists, and Cosmetologists	360	420	60	17%	70	120	\$21,265
39-9031	Fitness Trainers and Aerobics Instructors	150	210	60	40%	30	100	\$21,161
41-3041	Travel Agents	50	40	-10	-20%	10	10	NA
41-9022	Real Estate Sales Agents	210	200	-10	-5%	40	40	\$33,632
43-6012	Legal Secretaries	70	90	20	29%	10	30	\$27,514
43-6013	Medical Secretaries	270	300	30	11%	50	80	\$24,520
49-2011	Computer, Automated Teller, and Office Machine Repairers	120	130	10	8%	20	20	NA
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	20	20	0	0%	0	10	NA
49-2092	Electric Motor, Power Tool, and Related Repairers	20	20	0	0%	10	10	\$35,210
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	60	70	10	17%	10	20	NA
49-3011	Aircraft Mechanics and Service Technicians	20	30	10	50%	10	10	NA
49-3023	Automotive Service Technicians and Mechanics	630	700	70	11%	170	230	\$29,562
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	330	360	30	9%	80	110	\$36,207
49-3041	Farm Equipment Mechanics	50	60	10	20%	10	20	\$29,345
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	20	\$32,215
51-4121	Welders, Cutters, Solderers, and Brazers	1,080	1,170	90	8%	310	400	\$30,450
53-2012	Commercial Pilots	20	20	0	0%	10	10	\$51,182
<b>Work experience in a related occupation</b>								
11-3071	Transportation, Storage, and Distribution Managers	30	30	0	0%	10	10	\$70,387
11-9051	Food Service Managers	330	340	10	3%	50	70	\$36,436
11-9081	Lodging Managers	70	70	0	0%	10	10	\$29,439
11-9131	Postmasters and Mail Superintendents	40	40	0	0%	10	10	\$48,523
11-9199	Managers, All Other	170	160	-10	-6%	30	30	\$59,171
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	NA
25-1194	Vocational Education Teachers, Postsecondary	40	60	20	50%	10	30	\$42,125
25-3021	Self-Enrichment Education Teachers	50	70	20	40%	10	30	\$32,613
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	20	0	0%	10	10	\$33,662
33-1012	First-Line Supervisors/Managers of Police and Detectives	40	50	10	25%	10	20	\$43,716
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	30	30	0	0%	10	10	\$33,789
33-3021	Detectives and Criminal Investigators	20	30	10	50%	10	10	\$35,899
33-9021	Private Detectives and Investigators	90	110	20	22%	20	40	NA
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	790	860	70	9%	190	260	\$26,033
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	120	130	10	8%	30	40	\$29,291
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	130	20	18%	10	30	\$33,042
39-1021	First-Line Supervisors/Managers of Personal Service Workers	250	250	0	0%	60	60	\$29,261
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	20	0	0%	10	10	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,260	1,310	50	4%	230	270	\$36,957
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	260	270	10	4%	50	60	\$55,373
41-9021	Real Estate Brokers	20	20	0	0%	0	10	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,100	1,130	30	3%	240	260	\$38,235
43-4141	New Accounts Clerks	50	50	0	0%	10	20	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	40	0	0%	10	10	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	590	650	60	10%	100	160	\$46,498
47-4011	Construction and Building Inspectors	30	40	10	33%	10	10	\$31,993
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	560	610	50	9%	140	190	\$43,006
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,000	1,080	80	8%	210	290	\$43,940
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	170	180	10	6%	40	50	\$36,321
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Op	270	300	30	11%	60	90	\$48,390
53-5021	Captains, Mates, and Pilots of Water Vessels	390	370	-20	-5%	110	110	NA

**Long-term on-the-job training**

13-1031	Claims Adjusters, Examiners, and Investigators	260	360	100	38%	30	140	NA
13-1032	Insurance Appraisers, Auto Damage	60	80	20	33%	10	30	NA
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	30	40	10	33%	10	10	\$31,761
27-2011	Actors	30	30	0	0%	0	0	NA
27-2022	Coaches and Scouts	40	40	0	0%	10	10	NA
27-4021	Photographers	110	130	20	18%	20	40	NA
29-2081	Opticians, Dispensing	130	140	10	8%	20	40	\$22,833
33-2011	Fire Fighters	290	340	50	17%	80	130	\$31,572
33-3051	Police and Sheriff's Patrol Officers	490	580	90	18%	130	210	\$34,735
35-2012	Cooks, Institution and Cafeteria	570	530	-40	-7%	180	180	\$19,919
35-2014	Cooks, Restaurant	630	750	120	19%	200	320	\$18,050
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	180	190	10	6%	50	60	\$17,459
47-2021	Brickmasons and Blockmasons	150	160	10	7%	20	30	\$39,884
47-2022	Stonemasons	20	20	0	0%	0	0	NA
47-2031	Carpenters	690	730	40	6%	110	150	\$31,174
47-2051	Cement Masons and Concrete Finishers	260	310	50	19%	50	100	\$27,762
47-2111	Electricians	420	460	40	10%	80	120	\$39,262
47-2152	Plumbers, Pipefitters, and Steamfitters	470	500	30	6%	110	140	\$41,134
47-2171	Reinforcing Iron and Rebar Workers	30	30	0	0%	10	10	NA
47-2221	Structural Iron and Steel Workers	40	40	0	0%	10	10	\$47,262
49-3021	Automotive Body and Related Repairers	180	200	20	11%	40	50	\$36,743
49-3092	Recreational Vehicle Service Technicians	20	20	0	0%	10	10	NA
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	240	290	50	21%	30	80	\$37,754
49-9041	Industrial Machinery Mechanics	280	300	20	7%	60	80	\$33,057
49-9042	Maintenance and Repair Workers, General	1,180	1,320	140	12%	230	360	\$31,953
49-9043	Maintenance Workers, Machinery	90	100	10	11%	20	30	\$37,036
49-9044	Millwrights	40	40	0	0%	10	10	NA
49-9051	Electrical Power-Line Installers and Repairers	70	80	10	14%	20	30	NA
49-9052	Telecommunications Line Installers and Repairers	60	90	30	50%	20	40	\$43,110
49-9064	Watch Repairers	20	20	0	0%	10	10	NA
49-9099	Installation, Maintenance, and Repair Workers, All Other	100	110	10	10%	20	30	\$31,814
51-3011	Bakers	120	130	10	8%	30	40	\$20,143
51-3021	Butchers and Meat Cutters	120	100	-20	-17%	30	30	\$25,784
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	100	110	10	10%	20	30	\$29,841
51-4041	Machinists	350	340	-10	-3%	80	80	\$34,450
51-4111	Tool and Die Makers	120	110	-10	-8%	30	30	\$35,736
51-5021	Job Printers	200	190	-10	-5%	50	50	NA
51-5022	Prepress Technicians and Workers	80	70	-10	-13%	20	20	\$31,722
51-6093	Upholsterers	30	20	-10	-33%	10	10	NA
51-7011	Cabinetmakers and Bench Carpenters	500	510	10	2%	120	130	\$33,982
51-7021	Furniture Finishers	280	260	-20	-7%	60	60	\$26,138
51-8012	Power Distributors and Dispatchers	20	20	0	0%	10	10	NA
51-8013	Power Plant Operators	80	90	10	13%	20	30	NA
51-8021	Stationary Engineers and Boiler Operators	40	50	10	25%	10	10	\$33,964
51-8031	Water and Liquid Waste Treatment Plant and System Operators	100	120	20	20%	30	60	\$29,153
51-8092	Gas Plant Operators	40	40	0	0%	10	10	NA
51-9081	Dental Laboratory Technicians	20	30	10	50%	10	10	\$29,938

**Moderate-term on-the-job training**

13-2082	Tax Preparers	100	120	20	20%	20	40	NA
17-3031	Surveying and Mapping Technicians	80	100	20	25%	30	50	\$29,889
21-1093	Social and Human Service Assistants	120	180	60	50%	20	90	\$23,631
23-2093	Title Examiners, Abstractors, and Searchers	150	170	20	13%	20	30	\$26,626
27-1023	Floral Designers	50	50	0	0%	10	10	\$20,711
27-1026	Merchandise Displayers and Window Trimmers	30	30	0	0%	10	10	NA
29-2051	Dietetic Technicians	30	30	0	0%	0	0	NA
29-2052	Pharmacy Technicians	240	290	50	21%	30	80	\$21,434
31-9091	Dental Assistants	190	270	80	42%	50	140	\$24,854
31-9092	Medical Assistants	440	690	250	57%	80	330	\$27,730
33-3012	Correctional Officers and Jailers	150	170	20	13%	30	50	\$24,493
33-9031	Gaming Surveillance Officers and Gaming Investigators	30	40	10	33%	10	20	NA
37-2021	Pest Control Workers	30	30	0	0%	10	10	NA
39-9041	Residential Advisors	110	110	0	0%	20	30	\$24,118
41-2022	Parts Salespersons	180	170	-10	-6%	50	50	\$26,897
41-3011	Advertising Sales Agents	50	60	10	20%	10	20	\$31,042
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	100	120	20	20%	30	40	\$67,598



41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	730	790	60	8%	190	260	\$43,526
41-9011	Demonstrators and Product Promoters	40	40	0	0%	10	10	NA
41-9099	Sales and Related Workers, All Other	170	190	20	12%	30	50	\$26,495
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,450	1,430	-20	-1%	270	270	\$25,462
43-4051	Customer Service Representatives	700	810	110	16%	100	210	\$27,954
43-4061	Eligibility Interviewers, Government Programs	50	40	-10	-20%	10	10	NA
43-5011	Cargo and Freight Agents	40	50	10	25%	10	20	NA
43-5031	Police, Fire, and Ambulance Dispatchers	150	150	0	0%	30	40	\$25,059
43-5032	Dispatchers, Except Police, Fire, and Ambulance	140	150	10	7%	30	40	\$34,659
43-6011	Executive Secretaries and Administrative Assistants	850	900	50	6%	160	210	\$30,952
43-6014	Secretaries, Except Legal, Medical, and Executive	1,140	1,100	-40	-4%	220	220	\$23,090
43-9011	Computer Operators	60	50	-10	-17%	10	10	\$31,338
43-9021	Data Entry Keyers	90	80	-10	-11%	20	20	\$20,873
43-9022	Word Processors and Typists	60	40	-20	-33%	10	10	\$21,807
43-9041	Insurance Claims and Policy Processing Clerks	80	90	10	13%	10	20	NA
43-9111	Statistical Assistants	930	870	-60	-6%	150	150	NA
45-2091	Agricultural Equipment Operators	20	20	0	0%	10	10	NA
45-2093	Farmworkers, Farm and Ranch Animals	50	60	10	20%	10	20	NA
45-4021	Fallers	30	30	0	0%	10	10	NA
47-2061	Construction Laborers	940	1,030	90	10%	130	210	\$33,110
47-2071	Paving, Surfacing, and Tamping Equipment Operators	70	80	10	14%	10	20	\$39,002
47-2072	Pile-Driver Operators	20	20	0	0%	0	10	NA
47-2073	Operating Engineers and Other Construction Equipment Operators	620	700	80	13%	160	240	\$37,289
47-2081	Drywall and Ceiling Tile Installers	120	140	20	17%	30	40	\$30,460
47-2082	Tapers	40	40	0	0%	10	10	NA
47-2141	Painters, Construction and Maintenance	280	290	10	4%	40	50	\$26,780
47-2151	Pipelayers	60	70	10	17%	10	20	\$37,193
47-2181	Roofers	120	120	0	0%	30	30	NA
47-2211	Sheet Metal Workers	140	150	10	7%	30	40	NA
47-4051	Highway Maintenance Workers	150	150	0	0%	20	30	\$25,264
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	20	0	0%	10	10	NA
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	0	\$29,021
49-9011	Mechanical Door Repairers	80	90	10	13%	20	30	NA
49-9062	Medical Equipment Repairers	30	30	0	0%	10	10	\$33,226
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	90	110	20	22%	20	40	NA
49-9094	Locksmiths and Safe Repairers	30	20	-10	-33%	10	10	NA
51-2041	Structural Metal Fabricators and Fitters	160	160	0	0%	40	40	\$28,781
51-2092	Team Assemblers	2,180	1,980	-200	-9%	570	570	\$24,410
51-2099	Assemblers and Fabricators, All Other	140	150	10	7%	40	40	\$18,911
51-3023	Slaughterers and Meat Packers	410	440	30	7%	90	130	NA
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	210	200	-10	-5%	70	70	\$27,200
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	70	70	0	0%	10	20	\$22,892
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	10	\$26,154
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	190	180	-10	-5%	40	40	\$26,591
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	390	370	-20	-5%	120	120	NA
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	80	80	0	0%	20	20	\$28,201
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	100	90	-10	-10%	20	20	\$33,012
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	0	NA
51-4071	Foundry Mold and Coremakers	50	60	10	20%	10	20	NA
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	340	360	20	6%	80	110	\$25,860
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	330	330	0	0%	90	90	NA
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	130	120	-10	-8%	40	40	\$28,166
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	NA
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0%	10	10	NA
51-5011	Bindery Workers	20	20	0	0%	10	10	\$21,855
51-5023	Printing Machine Operators	230	220	-10	-4%	50	50	\$29,537
51-6011	Laundry and Dry-Cleaning Workers	110	110	0	0%	30	30	\$16,855
51-6031	Sewing Machine Operators	190	260	70	37%	20	90	\$21,614
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	60	60	0	0%	10	10	NA
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	160	170	10	6%	50	50	\$22,364
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	660	630	-30	-5%	170	170	\$24,332
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	40	40	0	0%	10	10	\$28,064
51-9022	Grinding and Polishing Workers, Hand	20	20	0	0%	10	10	NA
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	210	210	0	0%	60	60	\$34,504
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	90	100	10	11%	20	30	NA
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	50	60	10	20%	10	20	\$26,232
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	20	20	0	0%	0	10	NA
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	470	500	30	6%	110	140	\$29,562

51-9083	Ophthalmic Laboratory Technicians	40	40	0	0%	10	10	\$24,881
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	380	450	70	18%	100	170	\$25,154
51-9122	Painters, Transportation Equipment	20	30	10	50%	10	10	NA
51-9191	Cementing and Gluing Machine Operators and Tenders	130	150	20	15%	40	50	\$22,909
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	40	50	10	25%	10	20	NA
51-9196	Paper Goods Machine Setters, Operators, and Tenders	180	180	0	0%	40	40	NA
51-9199	Production Workers, All Other	300	300	0	0%	70	70	\$25,811
53-3021	Bus Drivers, Transit and Intercity	80	90	10	13%	20	30	NA
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,750	3,100	350	13%	450	800	\$33,272
53-7021	Crane and Tower Operators	70	80	10	14%	20	20	\$38,963
53-7032	Excavating and Loading Machine and Dragline Operators	60	70	10	17%	20	20	\$31,491
<b>Short-term on-the-job training</b>								
25-4031	Library Technicians	40	50	10	25%	10	20	\$21,593
25-9041	Teacher Assistants	690	850	160	23%	130	290	\$18,364
31-1011	Home Health Aides	440	540	100	23%	60	160	\$23,018
31-1012	Nursing Aides, Orderlies, and Attendants	940	1,060	120	13%	120	240	\$22,634
31-2022	Physical Therapist Aides	20	30	10	50%	0	10	\$22,459
31-9095	Pharmacy Aides	120	120	0	0%	20	30	NA
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	50	70	20	40%	10	20	\$16,456
31-9099	Healthcare Support Workers, All Other	160	210	50	31%	30	70	\$21,313
33-9032	Security Guards	540	590	50	9%	120	170	\$22,536
33-9099	Protective Service Workers, All Other	40	40	0	0%	30	30	NA
35-2011	Cooks, Fast Food	1,000	980	-20	-2%	310	310	\$14,953
35-2015	Cooks, Short Order	120	130	10	8%	40	50	\$15,125
35-2021	Food Preparation Workers	910	1,040	130	14%	320	460	\$16,811
35-3011	Bartenders	270	270	0	0%	110	110	\$15,856
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,990	2,290	300	15%	860	1,160	\$14,882
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	560	620	60	11%	370	430	\$15,481
35-3031	Waiters and Waitresses	1,750	2,010	260	15%	900	1,160	\$13,320
35-3041	Food Servers, Nonrestaurant	220	290	70	32%	80	140	NA
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	220	250	30	14%	70	100	\$13,381
35-9021	Dishwashers	270	290	20	7%	90	110	\$13,776
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	240	290	50	21%	80	120	\$15,600
35-9099	Food Preparation and Serving Related Workers, All Other	90	90	0	0%	30	30	NA
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,480	1,640	160	11%	280	440	\$22,072
37-2012	Maids and Housekeeping Cleaners	740	780	40	5%	160	200	\$16,322
37-3011	Landscaping and Groundskeeping Workers	640	720	80	13%	140	220	\$19,488
39-2021	Nonfarm Animal Caretakers	50	50	0	0%	10	20	\$17,304
39-3031	Ushers, Lobby Attendants, and Ticket Takers	40	40	0	0%	20	20	NA
39-3091	Amusement and Recreation Attendants	90	110	20	22%	30	50	NA
39-4021	Funeral Attendants	20	20	0	0%	0	10	\$20,669
39-9011	Child Care Workers	910	960	50	5%	250	310	\$15,983
39-9021	Personal and Home Care Aides	210	240	30	14%	30	60	\$18,276
41-2011	Cashiers	3,160	3,330	170	5%	1,540	1,710	\$15,797
41-2012	Gaming Change Persons and Booth Cashiers	210	280	70	33%	100	170	NA
41-2021	Counter and Rental Clerks	470	510	40	9%	180	220	\$24,098
41-2031	Retail Salespersons	3,080	3,310	230	7%	1,120	1,350	\$22,892
41-9041	Telemarketers	480	560	80	17%	80	150	\$23,930
43-2011	Switchboard Operators, Including Answering Service	150	160	10	7%	40	50	\$20,795
43-3011	Bill and Account Collectors	190	230	40	21%	40	70	\$27,119
43-3021	Billing and Posting Clerks and Machine Operators	400	420	20	5%	70	80	\$24,577
43-3041	Gaming Cage Workers	150	180	30	20%	70	100	NA
43-3051	Payroll and Timekeeping Clerks	210	220	10	5%	60	70	\$27,451
43-3061	Procurement Clerks	40	40	0	0%	10	10	\$29,348
43-3071	Tellers	550	620	70	13%	270	340	\$20,420
43-4031	Court, Municipal, and License Clerks	210	220	10	5%	50	60	NA
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	0%	0	0	NA
43-4071	File Clerks	80	70	-10	-13%	20	20	\$21,109
43-4081	Hotel, Motel, and Resort Desk Clerks	160	180	20	13%	70	90	\$15,376
43-4111	Interviewers, Except Eligibility and Loan	100	120	20	20%	30	50	\$21,463
43-4121	Library Assistants, Clerical	20	30	10	50%	10	10	\$23,059
43-4131	Loan Interviewers and Clerks	120	110	-10	-8%	20	20	\$29,745
43-4151	Order Clerks	280	230	-50	-18%	60	60	\$24,692
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	100	120	20	20%	20	40	\$29,466
43-4171	Receptionists and Information Clerks	660	840	180	27%	160	340	\$20,255
43-5021	Couriers and Messengers	50	50	0	0%	10	10	\$21,320
43-5051	Postal Service Clerks	70	70	0	0%	20	20	\$42,300

43-5052	Postal Service Mail Carriers	350	330	-20	-6%	110	110	\$41,085
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	30	30	0	0%	10	10	\$26,481
43-5061	Production, Planning, and Expediting Clerks	160	180	20	13%	40	50	\$34,850
43-5071	Shipping, Receiving, and Traffic Clerks	650	620	-30	-5%	130	130	\$25,218
43-5081	Stock Clerks and Order Fillers	1,290	1,150	-140	-11%	480	480	\$19,381
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	30	30	0	0%	10	10	\$27,826
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	0%	10	10	\$22,955
43-9061	Office Clerks, General	1,820	1,940	120	7%	400	520	\$20,710
43-9071	Office Machine Operators, Except Computer	100	100	0	0%	30	30	NA
43-9081	Proofreaders and Copy Markers	20	10	-10	-50%	0	0	\$30,044
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	30	30	0	0%	10	10	\$25,544
47-3012	Helpers--Carpenters	20	20	0	0%	10	10	NA
47-3013	Helpers--Electricians	20	20	0	0%	10	10	NA
47-3019	Helpers, Construction Trades, All Other	30	30	0	0%	10	10	\$25,967
47-5081	Helpers--Extraction Workers	20	20	0	0%	0	0	NA
49-3093	Tire Repairers and Changers	110	120	10	9%	50	50	\$21,821
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	190	20	12%	60	80	\$22,598
51-2022	Electrical and Electronic Equipment Assemblers	80	60	-20	-25%	20	20	NA
51-2031	Engine and Other Machine Assemblers	120	110	-10	-8%	30	30	NA
51-3092	Food Batchmakers	110	130	20	18%	30	40	\$29,477
51-3093	Food Cooking Machine Operators and Tenders	70	80	10	14%	20	20	\$23,224
51-6021	Pressers, Textile, Garment, and Related Materials	100	90	-10	-10%	20	20	NA
51-9031	Cutters and Trimmers, Hand	360	460	100	28%	70	180	NA
51-9111	Packaging and Filling Machine Operators and Tenders	380	390	10	3%	80	90	\$26,049
51-9132	Photographic Processing Machine Operators	70	80	10	14%	20	30	\$21,450
51-9198	Helpers--Production Workers	870	910	40	5%	240	290	\$23,330
53-3022	Bus Drivers, School	350	370	20	6%	80	100	\$26,983
53-3031	Driver/Sales Workers	220	210	-10	-5%	40	40	NA
53-3033	Truck Drivers, Light or Delivery Services	690	740	50	7%	60	120	\$28,217
53-3041	Taxi Drivers and Chauffeurs	50	70	20	40%	10	20	\$15,399
53-5011	Sailors and Marine Oilers	850	830	-20	-2%	300	300	NA
53-6021	Parking Lot Attendants	140	150	10	7%	40	50	\$16,526
53-6031	Service Station Attendants	30	30	0	0%	10	10	NA
53-6099	Transportation Workers, All Other	20	20	0	0%	10	10	NA
53-7011	Conveyor Operators and Tenders	90	100	10	11%	30	30	NA
53-7051	Industrial Truck and Tractor Operators	930	990	60	6%	180	230	\$27,094
53-7061	Cleaners of Vehicles and Equipment	320	330	10	3%	110	120	\$20,731
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,950	2,160	210	11%	640	850	\$21,628
53-7063	Machine Feeders and Offbearers	540	530	-10	-2%	150	150	\$21,376
53-7064	Packers and Packagers, Hand	1,100	1,280	180	16%	210	390	\$20,508
53-7081	Refuse and Recyclable Material Collectors	120	110	-10	-8%	30	30	NA
53-7199	Material Moving Workers, All Other	20	30	10	50%	10	10	NA

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

- 3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.

Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 10**

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	Average Hourly Wage	Average Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	PERCENTILE									
								10th		25th		Median (50th)		75th		90th	
								Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual
00-0000	Total, All Occupations	\$14.66	\$30,488	\$7.77	\$16,168	\$18.10	\$37,649	\$6.81	\$14,172	\$8.91	\$18,535	\$12.20	\$25,386	\$17.45	\$36,296	\$25.23	\$52,469
11-0000	Management Occupations	\$33.32	\$69,297	\$15.68	\$32,617	\$42.13	\$87,637	\$13.60	\$28,286	\$19.67	\$40,918	\$29.35	\$61,045	\$41.53	\$86,386	\$57.78	\$120,181
11-1000	Top Executives	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-1011	Chief Executives	\$61.51	\$127,946	\$24.50	\$50,964	\$80.02	\$166,437	\$9.58	\$19,925	\$37.25	\$77,474	\$60.60	\$126,056	NA	NA	NA	NA
11-1021	General and Operations Managers	\$36.95	\$76,864	\$19.62	\$40,819	\$45.62	\$94,887	\$17.66	\$36,742	\$23.34	\$48,543	\$34.46	\$71,683	\$44.85	\$93,280	\$61.20	\$127,301
11-1031	Legislators	\$8.24	\$17,147	\$5.84	\$12,149	\$9.45	\$19,646	\$5.45	\$11,339	\$5.82	\$12,116	\$6.42	\$13,360	\$10.99	\$22,856	\$12.73	\$26,484
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-2011	Advertising and Promotions Managers	\$28.00	\$58,234	\$17.71	\$36,839	\$33.14	\$68,931	\$16.37	\$34,056	\$18.75	\$38,995	\$23.52	\$48,911	\$34.68	\$72,130	\$41.56	\$86,436
11-2021	Marketing Managers	\$33.74	\$70,182	\$19.89	\$41,377	\$40.67	\$84,584	\$18.47	\$38,416	\$21.20	\$44,093	\$31.77	\$66,078	\$42.53	\$88,465	\$57.63	\$119,865
11-2022	Sales Managers	\$42.49	\$88,378	\$19.65	\$40,867	\$53.91	\$112,133	\$16.80	\$34,944	\$22.87	\$47,559	\$33.39	\$69,459	\$51.67	\$107,471	NA	NA
11-3000	Operations Specialties Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-3011	Administrative Services Managers	\$23.17	\$48,191	\$13.05	\$27,143	\$28.23	\$58,715	\$12.29	\$25,560	\$14.47	\$30,097	\$20.85	\$43,372	\$28.62	\$59,526	\$35.46	\$73,748
11-3021	Computer and Information Systems Managers	\$34.19	\$71,116	\$21.90	\$45,552	\$40.34	\$83,898	\$19.84	\$41,275	\$24.65	\$51,267	\$33.80	\$70,303	\$42.37	\$88,128	\$51.88	\$107,906
11-3031	Financial Managers	\$31.97	\$66,498	\$18.34	\$38,142	\$38.79	\$80,676	\$18.03	\$37,512	\$20.88	\$43,437	\$30.51	\$63,463	\$40.80	\$84,856	\$47.34	\$98,462
11-3040	Human Resources Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-3051	Industrial Production Managers	\$32.78	\$68,188	\$22.23	\$46,234	\$38.06	\$79,165	\$20.35	\$42,324	\$24.43	\$50,810	\$29.96	\$62,312	\$39.66	\$82,498	\$49.87	\$103,738
11-3061	Purchasing Managers	\$34.03	\$70,776	\$19.52	\$40,596	\$41.28	\$85,866	\$18.27	\$38,002	\$21.27	\$44,236	\$31.30	\$65,111	\$39.92	\$83,033	\$52.93	\$110,094
11-3071	Transportation, Storage, and Distribution Managers	\$33.84	\$70,387	\$19.65	\$40,870	\$40.94	\$85,145	\$16.52	\$34,363	\$23.72	\$49,339	\$34.21	\$71,148	\$40.57	\$84,387	\$48.61	\$101,115
11-9000	Other Management Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9021	Construction Managers	\$27.65	\$57,515	\$15.69	\$32,633	\$33.63	\$69,956	\$7.24	\$15,052	\$21.56	\$44,848	\$28.87	\$60,056	\$34.61	\$71,994	\$43.22	\$89,900
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$20.69	\$43,037	\$12.00	\$24,953	\$25.04	\$52,079	\$11.48	\$23,879	\$13.00	\$27,033	\$16.32	\$33,945	\$21.64	\$45,017	\$41.67	\$86,675
11-9032	Education Administrators, Elementary and Secondary School	\$0.00	\$67,922	NA	\$58,181	NA	\$72,792	NA	\$53,436	NA	\$62,135	NA	\$68,825	NA	\$76,322	NA	\$85,732
11-9033	Education Administrators, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9041	Engineering Managers	\$44.05	\$91,628	\$31.07	\$64,627	\$50.54	\$105,129	\$29.09	\$60,514	\$35.09	\$72,988	\$42.66	\$88,742	\$53.93	\$112,175	\$65.31	\$135,844
11-9051	Food Service Managers	\$17.52	\$36,436	\$14.22	\$29,587	\$19.16	\$39,861	\$12.94	\$26,922	\$14.95	\$31,088	\$16.54	\$34,404	\$18.47	\$38,422	\$25.06	\$52,132
11-9081	Lodging Managers	\$14.15	\$29,439	\$12.28	\$25,541	\$15.09	\$31,388	\$11.60	\$24,120	\$12.52	\$26,052	\$13.85	\$28,808	\$15.74	\$32,733	\$16.87	\$35,088
11-9111	Medical and Health Services Managers	\$31.22	\$64,945	\$22.64	\$47,097	\$35.51	\$73,869	\$22.22	\$46,228	\$25.88	\$53,836	\$30.85	\$64,160	\$35.52	\$73,880	\$42.42	\$88,230
11-9121	Natural Sciences Managers	\$37.69	\$78,397	\$26.08	\$54,240	\$43.50	\$90,476	\$22.85	\$47,522	\$29.07	\$60,471	\$34.53	\$71,822	\$42.47	\$88,344	\$54.09	\$112,512
11-9131	Postmasters and Mail Superintendents	\$23.33	\$48,523	\$16.98	\$35,323	\$26.50	\$55,123	\$14.55	\$30,264	\$20.15	\$41,912	\$23.96	\$49,846	\$26.84	\$55,826	\$31.60	\$65,728
11-9141	Property, Real Estate, and Community Association Managers	\$22.78	\$47,392	\$14.27	\$29,672	\$27.04	\$56,252	\$11.80	\$24,545	\$16.97	\$35,291	\$22.30	\$46,376	\$26.09	\$54,261	\$35.12	\$73,055
11-9151	Social and Community Service Managers	\$19.49	\$40,535	\$10.95	\$22,769	\$23.76	\$49,417	\$10.12	\$21,043	\$11.95	\$24,852	\$14.62	\$30,417	\$22.11	\$45,982	\$45.35	\$94,337
11-9199	Managers, All Other	\$28.45	\$59,171	\$16.76	\$34,858	\$34.29	\$71,327	\$15.14	\$31,490	\$19.31	\$40,168	\$25.25	\$52,523	\$37.49	\$77,973	\$45.51	\$94,658
13-0000	Business and Financial Operations Occupations	\$20.39	\$42,412	\$11.63	\$24,181	\$24.77	\$51,527	\$10.24	\$21,297	\$13.96	\$29,044	\$19.13	\$39,800	\$25.63	\$53,301	\$32.76	\$68,131
13-1000	Business Operations Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1021	Purchasing Agents and Buyers, Farm Products	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$17.19	\$35,762	\$9.70	\$20,180	\$20.94	\$43,553	\$8.31	\$17,290	\$11.39	\$23,692	\$13.86	\$28,825	\$21.16	\$44,013	\$33.68	\$70,047
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$19.81	\$41,209	\$13.37	\$27,808	\$23.03	\$47,909	\$12.22	\$25,417	\$14.48	\$30,128	\$18.06	\$37,565	\$22.49	\$46,778	\$31.97	\$66,495
13-1031	Claims Adjusters, Examiners, and Investigators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1032	Insurance Appraisers, Auto Damage	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and	\$15.27	\$31,761	\$8.89	\$18,488	\$18.46	\$38,397	\$6.25	\$13,008	\$12.02	\$25,004	\$15.62	\$32,490	\$19.06	\$39,643	\$22.25	\$46,283
13-1051	Cost Estimators	\$20.05	\$41,713	\$13.42	\$27,921	\$23.37	\$48,610	\$12.31	\$25,600	\$14.60	\$30,366	\$16.96	\$35,282	\$24.81	\$51,615	\$31.40	\$65,320
13-1071	Employment, Recruitment, and Placement Specialists	\$16.86	\$35,070	\$10.74	\$22,348	\$19.92	\$41,432	\$9.93	\$20,653	\$11.38	\$23,665	\$15.41	\$32,057	\$18.17	\$37,789	\$26.45	\$55,007
13-1072	Compensation, Benefits, and Job Analysis Specialists	\$19.66	\$40,889	\$15.49	\$32,210	\$21.74	\$45,229	\$14.12	\$29,376	\$17.52	\$36,444	\$19.92	\$41,436	\$22.60	\$47,000	\$25.88	\$53,840
13-1073	Training and Development Specialists	\$15.35	\$31,921	\$10.63	\$22,116	\$17.70	\$36,823	\$9.96	\$20,720	\$11.36	\$23,624	\$13.70	\$28,495	\$19.02	\$39,561	\$24.38	\$50,710
13-1111	Management Analysts	\$33.30	\$69,274	\$20.10	\$41,813	\$39.91	\$83,005	\$18.43	\$38,341	\$23.75	\$49,407	\$29.72	\$61,827	\$47.71	\$99,237	\$52.61	\$109,426
13-1199	Business Operations Specialists, All Other	\$20.94	\$43,557	\$12.03	\$25,014	\$25.40	\$52,828	\$9.61	\$19,992	\$15.13	\$31,476	\$17.74	\$36,905	\$28.97	\$60,248	\$34.04	\$70,801
13-2000	Financial Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-2011	Accountants and Auditors	\$21.76	\$45,258	\$15.05	\$31,307	\$25.11	\$52,234	\$13.32	\$27,716	\$17.25	\$35,873	\$21.26	\$44,220	\$25.70	\$53,466	\$29.86	\$62,103
13-2021	Appraisers and Assessors of Real Estate	\$11.94	\$24,841	\$8.87	\$18,446	\$13.48	\$28,039	\$8.20	\$17,051	\$9.51	\$19,783	\$10.46	\$21,767	\$11.59	\$24,114	\$16.11	\$33,512
13-2041	Credit Analysts	\$27.53	\$57,252	\$15.02	\$31,236	\$33.78	\$70,260	\$13.94	\$28,997	\$16.62	\$34,571	\$26.74	\$55,610	\$37.28	\$77,537	\$43.88	\$91,275
13-2052	Personal Financial Advisors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-2072	Loan Officers	\$22.98	\$47,795	\$11.75	\$24,442	\$28.59	\$59,472	\$6.92	\$14,386	\$15.67	\$32,589	\$23.57	\$49,021	\$32.11	\$66,789	\$35.40	\$73,637
13-2082	Tax Preparers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-2099	Financial Specialists, All Other	\$28.46	\$59,187	\$12.90	\$26,828	\$36.23	\$75,366	\$11.19	\$23,281	\$14.78	\$30,744	\$19.72	\$41,026	\$32.81	\$68,246	NA	NA
15-0000	Computer and Mathematical Occupations	\$22.25	\$46,273	\$13.98	\$29,072	\$26.38	\$54,874	\$12.31	\$25,608	\$16.36	\$34,019	\$20.79	\$43,252	\$27.53	\$57,266	\$34.13	\$70,996
15-1000	Computer Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15-1021	Computer Programmers	\$23.47	\$48,823	\$15.01	\$31,222	\$27.70	\$57,623	\$14.12	\$29,362	\$16.62	\$34,576	\$21.47	\$44,649	\$29.05	\$60,428	\$38.92	\$80,947
15-1031	Computer Software Engineers, Applications	\$27.97	\$58,168	\$22.87	\$47,576	\$30.51	\$63,464	\$21.58	\$44,889	\$23.80	\$49,506	\$27.36	\$62,332	\$32.32	\$67,224	\$35.75	\$74,364
15-1032	Computer Software Engineers, Systems Software	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA						

15-2041	Statisticians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>\$23.21</b>	<b>\$48,272</b>	<b>\$13.81</b>	<b>\$28,719</b>	<b>\$27.91</b>	<b>\$58,049</b>	<b>\$12.46</b>	<b>\$25,922</b>	<b>\$16.00</b>	<b>\$33,270</b>	<b>\$22.35</b>	<b>\$46,495</b>	<b>\$28.03</b>	<b>\$58,292</b>	<b>\$34.36</b>	<b>\$71,462</b>	
17-1000	Architects, Surveyors, and Cartographers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-1011	Architects, Except Landscape and Naval	\$24.16	\$50,251	\$13.20	\$27,450	\$29.64	\$61,652	\$13.66	\$28,404	\$16.49	\$34,289	\$20.45	\$42,542	\$26.68	\$55,495	\$36.94	\$76,830	
17-1022	Surveyors	\$19.14	\$39,815	\$11.44	\$23,788	\$22.99	\$47,828	\$6.69	\$13,920	\$15.47	\$32,181	\$20.15	\$41,914	\$25.16	\$52,338	\$27.42	\$57,037	
17-2000	Engineers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-2051	Civil Engineers	\$29.29	\$60,922	\$24.25	\$50,436	\$31.81	\$66,164	\$23.09	\$48,035	\$25.48	\$53,007	\$29.31	\$60,961	\$32.71	\$68,029	\$34.75	\$72,274	
17-2061	Computer Hardware Engineers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-2071	Electrical Engineers	\$28.35	\$58,969	\$22.19	\$46,153	\$31.43	\$65,378	\$20.31	\$42,239	\$23.32	\$48,501	\$27.25	\$56,687	\$32.99	\$68,615	\$38.92	\$80,958	
17-2072	Electronics Engineers, Except Computer	\$31.72	\$65,984	\$23.07	\$47,981	\$36.05	\$74,986	\$21.83	\$45,414	\$24.70	\$51,375	\$32.39	\$67,368	\$39.44	\$82,037	\$43.00	\$89,448	
17-2112	Industrial Engineers	\$28.04	\$58,332	\$22.55	\$46,913	\$30.79	\$64,041	\$21.08	\$43,839	\$23.51	\$48,902	\$26.20	\$54,501	\$31.17	\$64,834	\$39.87	\$82,925	
17-2131	Materials Engineers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-2141	Mechanical Engineers	\$28.23	\$58,720	\$20.49	\$42,617	\$32.10	\$66,771	\$18.73	\$38,964	\$22.40	\$46,586	\$27.80	\$57,823	\$32.68	\$67,981	\$36.02	\$74,922	
17-2199	Engineers, All Other	\$25.14	\$52,297	\$16.92	\$35,193	\$29.25	\$60,849	\$15.52	\$32,275	\$18.09	\$37,621	\$23.80	\$49,501	\$31.72	\$65,971	\$36.98	\$76,913	
17-3000	Drafters, Engineering, and Mapping Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-3011	Architectural and Civil Drafters	\$16.84	\$35,024	\$11.29	\$23,482	\$19.61	\$40,794	\$10.04	\$20,887	\$12.66	\$26,338	\$16.04	\$33,364	\$19.86	\$41,318	\$26.87	\$55,898	
17-3013	Mechanical Drafters	\$18.90	\$39,318	\$14.46	\$30,083	\$21.12	\$43,935	\$13.53	\$28,142	\$15.59	\$32,434	\$18.80	\$39,098	\$22.10	\$45,971	\$25.67	\$53,392	
17-3023	Electrical and Electronic Engineering Technicians	\$21.59	\$44,913	\$12.25	\$25,474	\$26.27	\$54,633	\$11.39	\$23,694	\$13.42	\$27,922	\$20.39	\$42,412	\$28.35	\$58,963	\$34.36	\$71,467	
17-3026	Industrial Engineering Technicians	\$21.30	\$44,296	\$12.72	\$26,467	\$25.58	\$53,210	\$11.93	\$24,805	\$13.54	\$28,168	\$22.86	\$47,552	\$26.02	\$54,116	\$29.31	\$60,955	
17-3031	Surveying and Mapping Technicians	\$14.37	\$29,889	\$10.73	\$22,322	\$16.19	\$33,672	\$9.99	\$20,774	\$11.72	\$24,377	\$14.79	\$30,754	\$16.41	\$34,137	\$17.92	\$37,270	
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>\$20.45</b>	<b>\$42,546</b>	<b>\$12.26</b>	<b>\$25,501</b>	<b>\$24.55</b>	<b>\$51,069</b>	<b>\$11.31</b>	<b>\$23,528</b>	<b>\$14.55</b>	<b>\$30,259</b>	<b>\$19.64</b>	<b>\$40,843</b>	<b>\$25.67</b>	<b>\$53,398</b>	<b>\$31.32</b>	<b>\$65,146</b>	
19-1000	Life Scientists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-2000	Physical Scientists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-3000	Social Scientists and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-3031	Clinical, Counseling, and School Psychologists	\$24.11	\$50,152	\$17.48	\$36,367	\$27.43	\$57,045	\$15.93	\$33,134	\$18.89	\$39,295	\$21.58	\$44,885	\$27.89	\$58,017	\$34.40	\$71,552	
19-4000	Life, Physical, and Social Science Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-4011	Agricultural and Food Science Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
19-4031	Chemical Technicians	\$18.90	\$39,311	\$15.34	\$31,911	\$20.68	\$43,011	\$14.62	\$30,417	\$15.99	\$33,265	\$18.59	\$38,664	\$21.71	\$45,163	\$24.88	\$51,749	
19-4091	Environmental Science and Protection Technicians, Including Health	\$15.40	\$32,042	\$7.71	\$16,037	\$19.25	\$40,044	\$6.14	\$12,777	\$7.16	\$14,885	\$14.38	\$29,901	\$22.95	\$47,733	\$25.78	\$53,623	
19-4099	Life, Physical, and Social Science Technicians, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>\$14.69</b>	<b>\$30,550</b>	<b>\$9.86</b>	<b>\$20,502</b>	<b>\$17.10</b>	<b>\$35,574</b>	<b>\$8.57</b>	<b>\$17,826</b>	<b>\$11.19</b>	<b>\$23,271</b>	<b>\$13.54</b>	<b>\$28,162</b>	<b>\$16.98</b>	<b>\$35,324</b>	<b>\$22.95</b>	<b>\$47,728</b>	
21-1000	Counselors, Social Workers, and Other Community and Social Service Spec	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-1012	Educational, Vocational, and School Counselors	\$19.91	\$41,403	\$13.07	\$27,184	\$23.32	\$48,513	\$11.92	\$24,796	\$14.19	\$29,513	\$18.99	\$39,492	\$25.47	\$52,972	\$28.82	\$59,944	
21-1013	Marriage and Family Therapists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-1014	Mental Health Counselors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-1015	Rehabilitation Counselors	\$12.19	\$25,364	\$8.62	\$17,937	\$13.98	\$29,078	\$7.82	\$16,269	\$9.37	\$19,485	\$11.46	\$23,831	\$13.12	\$27,285	\$15.34	\$31,909	
21-1021	Child, Family, and School Social Workers	\$14.27	\$29,686	\$9.79	\$20,372	\$16.51	\$34,343	\$8.07	\$16,793	\$11.51	\$23,938	\$14.39	\$29,935	\$16.69	\$34,708	\$19.92	\$41,438	
21-1022	Medical and Public Health Social Workers	\$16.10	\$33,498	\$12.18	\$25,325	\$18.07	\$37,585	\$11.47	\$23,851	\$13.13	\$27,318	\$15.43	\$32,092	\$18.27	\$38,005	\$23.32	\$48,503	
21-1091	Health Educators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-1092	Probation Officers and Correctional Treatment Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-1093	Social and Human Service Assistants	\$11.36	\$23,631	\$8.94	\$18,585	\$12.57	\$26,154	\$8.32	\$17,300	\$9.54	\$19,840	\$11.32	\$23,546	\$12.88	\$26,797	\$13.85	\$28,807	
21-2000	Religious Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-9000	Miscellaneous Counselors, Social, & Religious Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>23-0000</b>	<b>Legal Occupations</b>	<b>\$20.06</b>	<b>\$41,726</b>	<b>\$10.32</b>	<b>\$21,462</b>	<b>\$24.93</b>	<b>\$51,858</b>	<b>\$9.51</b>	<b>\$19,785</b>	<b>\$11.62</b>	<b>\$24,177</b>	<b>\$13.90</b>	<b>\$28,920</b>	<b>\$22.07</b>	<b>\$45,909</b>	<b>\$38.46</b>	<b>\$80,007</b>	
23-1000	Lawyers, Judges, and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23-1011	Lawyers	\$29.87	\$62,120	\$14.59	\$30,357	\$37.50	\$78,002	\$12.25	\$25,481	\$18.29	\$38,050	\$22.06	\$45,878	\$37.40	\$77,783	\$54.40	\$113,155	
23-1023	Judges, Magistrate Judges, and Magistrates	\$36.40	\$75,712	\$31.04	\$64,565	\$39.08	\$81,285	\$27.25	\$56,674	\$36.45	\$75,807	\$39.10	\$81,337	\$41.76	\$86,866	\$43.36	\$90,184	
23-2000	Legal Support Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23-2011	Paralegals and Legal Assistants	\$15.57	\$32,376	\$11.50	\$23,930	\$17.60	\$36,599	\$10.86	\$22,591	\$11.66	\$24,263	\$12.85	\$26,731	\$17.04	\$35,437	\$26.93	\$56,018	
23-2091	Court Reporters	\$12.16	\$25,290	\$10.06	\$20,923	\$13.21	\$27,474	\$9.47	\$19,706	\$11.09	\$23,058	\$12.36	\$25,702	\$13.57	\$28,222	\$15.25	\$31,717	
23-2093	Title Examiners, Abstractors, and Searchers	\$12.80	\$26,626	\$9.66	\$20,084	\$14.37	\$29,897	\$9.26	\$19,253	\$10.38	\$21,593	\$12.44	\$25,876	\$14.12	\$29,374	\$17.32	\$36,033	
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>\$19.61</b>	<b>\$40,786</b>	<b>\$10.84</b>	<b>\$22,550</b>	<b>\$23.99</b>	<b>\$49,904</b>	<b>\$8.65</b>	<b>\$17,988</b>	<b>\$14.07</b>	<b>\$29,265</b>	<b>\$19.90</b>	<b>\$41,399</b>	<b>\$25.39</b>	<b>\$52,811</b>	<b>\$28.73</b>	<b>\$59,760</b>	
25-1000	Postsecondary Teachers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1011	Business Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1021	Computer Science Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1081	Education Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1124	Foreign Language and Literature Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1194	Vocational Education Teachers, Postsecondary	\$20.25	\$42,125	\$7.56	\$15,720	\$26.60	\$55,327	\$6.18	\$12,856	\$7.42	\$15,434	\$18.00	\$37,442	\$30.31	\$63,039	\$37.44	\$77,881	
25-1199	Postsecondary Teachers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2000	Primary, Secondary, and Special Education School Teachers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2011	Preschool Teachers, Except Special Education	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2012	Kindergarten Teachers, Except Special Education	\$0.00	\$42,452	NA	\$30,179	NA	\$48,589	NA	\$28,579	NA	\$33,386	NA	\$43,632	NA	\$52,149	NA	\$56,585	
25-2021	Elementary School Teachers, Except Special Education	\$0.00	\$45,200	NA	\$32,258	NA	\$51,671	NA	\$30,429	NA	\$36,756	NA	\$47,558	NA	\$54,255	NA	\$58,364	
25-2022	Middle School Teachers, Except Special and Vocational Education	\$0.00	\$43,257	NA	\$28,812	NA	\$50,480	NA	\$28,286	NA	\$34,483	NA	\$44,760	NA	\$53,287	NA	\$58,148	
25-2031	Secondary School Teachers, Except Special and Vocational Education	\$0.00	\$43,610	NA	\$28,250	NA	\$51,290	NA	\$24,590	NA	\$33,881	NA	\$45,117	NA	\$54,057	NA	\$60,527	
25-2032	Vocational Education Teachers, Secondary School	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Schor	\$0.00	\$39,135	NA	\$25,239	NA	\$46,083	NA	\$17,632	NA	\$31,333	NA	\$38,153	NA	\$49,551	NA	\$57,504	
25-2042	Special Education Teachers, Middle School	\$0.00	\$45,857	NA	\$34,953	NA	\$51,308	NA	\$31,952	NA	\$37,831	NA	\$47,202	NA	\$54,146	NA	\$58,316	
25-2043	Special Education Teachers, Secondary School	\$0.00	\$45,505	NA	\$34,550	NA	\$50,983	NA	\$32,040	NA	\$36,768	NA	\$46,226	NA	\$53,873	NA	\$58,519	
25-3000	Other Teachers and Instructors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-3011	Adult Literacy, Remedial Education,																	

25-9041	Teacher Assistants	\$0.00	\$18,364	NA	\$13,920	NA	\$20,586	NA	\$12,753	NA	\$15,272	NA	\$18,635	NA	\$21,252	NA	\$22,936
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES On	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-0000	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>\$16.96</b>	<b>\$35,279</b>	<b>\$8.10</b>	<b>\$16,841</b>	<b>\$21.39</b>	<b>\$44,497</b>	<b>\$6.94</b>	<b>\$14,440</b>	<b>\$9.49</b>	<b>\$19,744</b>	<b>\$13.05</b>	<b>\$27,152</b>	<b>\$18.91</b>	<b>\$39,325</b>	<b>\$27.12</b>	<b>\$56,419</b>
27-1000	Art and Design Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1014	Multi-Media Artists and Animators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1021	Commercial and Industrial Designers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1023	Floral Designers	\$9.96	\$20,711	\$7.62	\$15,855	\$11.12	\$23,140	\$7.08	\$14,736	\$8.46	\$17,591	\$9.98	\$20,756	\$11.46	\$23,839	\$13.21	\$27,486
27-1024	Graphic Designers	\$14.12	\$29,372	\$9.21	\$19,150	\$16.58	\$34,483	\$7.72	\$16,056	\$11.33	\$23,576	\$14.80	\$30,776	\$16.89	\$35,135	\$19.27	\$40,079
27-1026	Merchandise Displayers and Window Trimmers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1099	Art and Design Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2000	Entertainers and Performers, Sports and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2011	Actors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2021	Athletes and Sports Competitors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2022	Coaches and Scouts	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3000	Media and Communication Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3010	Announcers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3020	News Analysts, Reporters and Correspondents	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3031	Public Relations Specialists	\$17.12	\$35,617	\$11.46	\$23,844	\$19.95	\$41,504	\$10.83	\$22,528	\$13.24	\$27,531	\$15.80	\$32,874	\$21.40	\$44,508	\$26.51	\$55,137
27-3041	Editors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4000	Media and Communication Equipment Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4013	Radio Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4021	Photographers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-0000	<b>Healthcare Practitioners and Technical Occupations</b>	<b>\$25.43</b>	<b>\$52,898</b>	<b>\$12.19</b>	<b>\$25,349</b>	<b>\$32.05</b>	<b>\$66,673</b>	<b>\$10.42</b>	<b>\$21,677</b>	<b>\$14.55</b>	<b>\$30,257</b>	<b>\$20.84</b>	<b>\$43,350</b>	<b>\$26.67</b>	<b>\$55,464</b>	<b>\$42.69</b>	<b>\$88,798</b>
29-1000	Health Diagnosing and Treating Practitioners	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1011	Chiropractors	\$57.52	\$119,649	\$42.01	\$87,380	\$65.28	\$135,784	\$35.97	\$74,814	\$58.92	\$122,549	\$64.05	\$133,221	\$69.18	\$143,893	NA	NA
29-1020	Dentists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1031	Dietitians and Nutritionists	\$17.49	\$36,378	\$12.11	\$25,193	\$20.18	\$41,971	\$9.89	\$20,561	\$14.93	\$31,047	\$18.72	\$38,936	\$20.74	\$43,144	\$22.28	\$46,335
29-1041	Optometrists	\$62.03	\$129,029	\$50.61	\$105,261	\$67.75	\$140,914	\$44.61	\$92,794	\$57.68	\$119,967	\$63.23	\$131,527	\$68.84	\$143,196	NA	NA
29-1051	Pharmacists	\$33.40	\$69,475	\$20.49	\$42,625	\$39.86	\$82,900	\$13.85	\$28,803	\$29.05	\$60,429	\$36.19	\$75,274	\$42.23	\$87,836	\$46.94	\$97,641
29-1062	Family and General Practitioners	\$77.74	\$161,692	\$0.00	\$0	\$0.00	\$0	\$21.67	\$45,073	\$55.89	\$116,256	NA	NA	NA	NA	NA	NA
29-1066	Psychiatrists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1067	Surgeons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1111	Registered Nurses	\$24.09	\$50,100	\$19.66	\$40,893	\$26.30	\$54,704	\$18.56	\$38,612	\$21.46	\$44,629	\$24.22	\$50,375	\$26.73	\$55,603	\$29.82	\$62,017
29-1122	Occupational Therapists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1123	Physical Therapists	\$45.10	\$93,801	\$26.03	\$54,148	\$54.63	\$113,627	\$23.96	\$49,843	\$28.76	\$59,813	\$32.49	\$67,587	\$44.37	\$92,296	NA	NA
29-1125	Recreational Therapists	\$9.41	\$19,564	\$6.98	\$14,515	\$10.62	\$22,089	\$6.57	\$13,662	\$7.77	\$16,155	\$9.42	\$19,591	\$10.64	\$22,135	\$12.66	\$26,328
29-1126	Respiratory Therapists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1127	Speech-Language Pathologists	\$24.86	\$51,707	\$16.38	\$34,076	\$29.10	\$60,523	\$15.07	\$31,354	\$18.21	\$37,870	\$23.83	\$49,576	\$28.64	\$59,577	\$39.78	\$82,736
29-1131	Veterinarians	\$38.92	\$80,963	\$21.12	\$43,939	\$47.82	\$99,475	\$19.54	\$40,653	\$21.79	\$45,327	\$44.08	\$91,677	\$51.87	\$107,888	\$56.10	\$116,685
29-2000	Health Technologists and Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2012	Medical and Clinical Laboratory Technicians	\$14.96	\$31,119	\$11.96	\$24,871	\$16.46	\$34,242	\$11.35	\$23,608	\$12.17	\$25,322	\$13.55	\$28,183	\$18.46	\$38,397	\$20.81	\$43,288
29-2021	Dental Hygienists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2031	Cardiovascular Technologists and Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2032	Diagnostic Medical Sonographers	\$22.46	\$46,725	\$18.81	\$39,130	\$24.29	\$50,522	\$17.85	\$37,132	\$19.58	\$40,732	\$22.57	\$46,948	\$25.53	\$53,110	\$27.29	\$66,772
29-2034	Radiologic Technologists and Technicians	\$20.55	\$42,751	\$16.66	\$34,663	\$22.50	\$46,795	\$14.94	\$31,084	\$18.09	\$37,623	\$20.68	\$43,016	\$23.79	\$49,486	\$26.26	\$54,614
29-2041	Emergency Medical Technicians and Paramedics	\$11.98	\$24,918	\$9.67	\$20,112	\$13.13	\$27,320	\$9.11	\$18,947	\$9.88	\$20,554	\$11.33	\$23,563	\$13.47	\$28,021	\$16.28	\$33,871
29-2051	Dietetic Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2052	Pharmacy Technicians	\$10.31	\$21,434	\$7.83	\$16,291	\$11.54	\$24,006	\$7.50	\$15,609	\$8.20	\$17,059	\$9.67	\$20,120	\$12.15	\$25,268	\$14.54	\$30,240
29-2053	Psychiatric Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2055	Surgical Technologists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2056	Veterinary Technologists and Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2061	Licensed Practical and Licensed Vocational Nurses	\$16.07	\$33,434	\$13.63	\$28,353	\$17.30	\$35,975	\$12.50	\$26,004	\$14.30	\$29,739	\$15.94	\$33,162	\$17.62	\$36,640	\$20.44	\$42,521
29-2071	Medical Records and Health Information Technicians	\$12.31	\$25,605	\$10.01	\$20,811	\$13.46	\$28,002	\$9.26	\$19,269	\$9.78	\$20,345	\$10.64	\$22,139	\$14.21	\$29,564	\$19.46	\$40,486
29-2081	Opticians, Dispensing	\$10.98	\$22,833	\$7.47	\$15,530	\$12.73	\$26,485	\$7.00	\$14,558	\$8.24	\$17,146	\$10.79	\$22,433	\$13.63	\$28,350	\$15.93	\$33,131
29-9100	Other Health Practitioners And Technical Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-0000	<b>Healthcare Support Occupations</b>	<b>\$11.57</b>	<b>\$24,057</b>	<b>\$8.97</b>	<b>\$18,660</b>	<b>\$12.86</b>	<b>\$26,755</b>	<b>\$8.41</b>	<b>\$17,499</b>	<b>\$9.58</b>	<b>\$19,924</b>	<b>\$11.25</b>	<b>\$23,398</b>	<b>\$13.26</b>	<b>\$27,572</b>	<b>\$15.58</b>	<b>\$32,412</b>
31-1000	Nursing, Psychiatric, and Home Health Aides	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-1011	Home Health Aides	\$11.07	\$23,018	\$8.80	\$18,314	\$12.20	\$25,369	\$8.06	\$16,769	\$9.46	\$19,669	\$11.18	\$23,257	\$12.77	\$26,555	\$13.73	\$28,567
31-1012	Nursing Aides, Orderlies, and Attendants	\$10.88	\$22,634	\$9.07	\$18,870	\$11.79	\$24,516	\$8.62	\$17,936	\$9.32	\$19,382	\$10.45	\$21,730	\$12.37	\$25,719	\$14.60	\$30,367
31-2000	Occupational and Physical Therapist Assistants and Aides	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-2021	Physical Therapist Assistants	\$19.00	\$39,530	\$13.84	\$28,778	\$21.59	\$44,906	\$12.58	\$26,162	\$15.51	\$32,263	\$18.75	\$38,996	\$21.54	\$44,795	\$26.43	\$54,966
31-2022	Physical Therapist Aides	\$10.80	\$22,459	\$9.80	\$20,379	\$11.30	\$23,498	\$9.11	\$18,953	\$9.67	\$20,119	\$10.61	\$22,063	\$12.04	\$25,041	\$13.15	\$27,358
31-9000	Other Healthcare Support Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-9011	Massage Therapists	\$18.70	\$38,896	\$10.48	\$21,796	\$22.81	\$47,447	\$9.51	\$19,773	\$10.69	\$22,238	\$17.99	\$37,420	\$21.15	\$44,000	\$33.23	\$69,109
31-9091	Dental Assistants	\$11.95	\$24,854	\$10.17	\$21,148	\$12.84	\$26,707	\$9.59	\$19,954	\$10.95	\$22,783	\$12.27	\$25,519	\$13.36	\$27,781	\$14.00	\$29,113
31-9092	Medical Assistants	\$13.33	\$27,730	\$10.81	\$22,480	\$14.59	\$30,355	\$9.91	\$20,621	\$11.37	\$23,645	\$13.15	\$27,352	\$15.44	\$32,108	\$17.01	\$35,376
31-9094	Medical Transcriptionists	\$13.15	\$27,362	\$12.11	\$25,187	\$13.68	\$28,450	\$11.37	\$23,659	\$11.98	\$24,911	\$12.97	\$26,969	\$14.01	\$29,141	\$16.25	\$33,804
31-9095	Pharmacy Aides	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	\$7.91	\$16,456	\$6.20	\$12,904	\$8.77	\$18,231	\$5.96	\$12,403	\$6.74	\$14,012	\$8.03	\$16,702	\$9.03	\$18,780	\$10.11	\$21,028
31-9099	Healthcare Support Workers, All Other	\$10.25	\$21,313	\$8.58	\$17,848	\$11.08	\$23,045	\$7.58	\$15,757	\$9.22	\$19,178	\$10.18	\$21,173	\$11.22	\$23,345	\$12.90	\$26,841
33-0000	<b>Protective Service Occupations</b>	<b>\$13.68</b>	<b>\$28,451</b>	<b>\$8.51</b>	<b>\$17,692</b>	<b>\$16.26</b>	<b>\$33,831</b>	<b>\$7.45</b>	<b>\$15,493</b>	<b>\$9.77</b>	<b>\$20,321</b>	<b>\$12.82</b>	<b>\$26,665</b>	<b>\$17.30</b>	<b>\$35,987</b>	<b>\$21.24</b>	<b>\$44,177</b>
33-1000	First-Line Supervisors/Managers, Protective Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	\$16.18	\$33,662	\$13.00	\$27,047	\$17.77	\$36,969	\$12.06	\$25,093	\$13.70	\$28,493	\$15.65	\$32,547	\$18.30	\$38,063	\$21.22	\$44,142
33-1012	First-Line Supervisors/Managers of Police and Detectives	\$21.02	\$43,716	\$16.29	\$33,883	\$23.38	\$48,633	\$15.03	\$31,265	\$17.25	\$35,877	\$20.10	\$41,809	\$24.32	\$50,578	\$27.47	\$57,129
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	\$16.24	\$33,789	\$13.38	\$27,8												

33-3012	Correctional Officers and Jailers	\$11.78	\$24,493	\$9.58	\$19,918	\$12.88	\$26,781	\$9.20	\$19,145	\$10.62	\$22,099	\$11.91	\$24,769	\$13.15	\$27,358	\$14.82	\$30,832
33-3021	Detectives and Criminal Investigators	\$17.26	\$35,899	\$14.33	\$29,803	\$18.72	\$38,947	\$13.68	\$28,447	\$14.80	\$30,786	\$16.68	\$34,695	\$19.44	\$40,430	\$21.22	\$44,142
33-3051	Police and Sheriff's Patrol Officers	\$16.70	\$34,735	\$12.67	\$26,362	\$18.71	\$38,921	\$12.01	\$24,977	\$14.17	\$29,476	\$16.66	\$34,652	\$19.77	\$41,127	\$21.82	\$45,378
33-9000	Other Protective Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-9021	Private Detectives and Investigators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-9031	Gaming Surveillance Officers and Gaming Investigators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-9032	Security Guards	\$10.83	\$22,536	\$8.57	\$17,835	\$11.96	\$24,886	\$7.84	\$16,310	\$9.06	\$18,852	\$10.10	\$21,002	\$11.70	\$24,331	\$15.87	\$33,015
33-9091	Crossing Guards	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33-9099	Protective Service Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-0000	<b>Food Preparation and Serving Related Occupations</b>	<b>\$7.83</b>	<b>\$16,284</b>	<b>\$5.94</b>	<b>\$12,364</b>	<b>\$8.77</b>	<b>\$18,244</b>	<b>\$5.65</b>	<b>\$11,760</b>	<b>\$6.20</b>	<b>\$12,905</b>	<b>\$7.31</b>	<b>\$15,209</b>	<b>\$8.86</b>	<b>\$18,429</b>	<b>\$10.72</b>	<b>\$22,296</b>
35-1000	Supervisors, Food Preparation and Serving Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-1011	Chefs and Head Cooks	\$10.66	\$22,178	\$8.16	\$16,969	\$11.91	\$24,782	\$7.70	\$16,015	\$8.67	\$18,035	\$9.59	\$19,939	\$10.70	\$22,255	\$15.96	\$33,199
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$12.52	\$26,033	\$8.94	\$18,585	\$14.31	\$29,757	\$8.21	\$17,070	\$9.68	\$20,133	\$12.05	\$25,061	\$14.71	\$30,594	\$17.07	\$35,510
35-2000	Cooks and Food Preparation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-2011	Cooks, Fast Food	\$7.19	\$14,953	\$6.04	\$12,562	\$7.76	\$16,148	\$5.75	\$11,964	\$6.35	\$13,205	\$7.36	\$15,310	\$8.17	\$17,001	\$8.66	\$18,015
35-2012	Cooks, Institution and Cafeteria	\$9.58	\$19,919	\$7.78	\$16,193	\$10.47	\$21,782	\$7.34	\$15,259	\$8.54	\$17,758	\$9.64	\$20,044	\$10.71	\$22,286	\$12.23	\$25,436
35-2014	Cooks, Restaurant	\$8.68	\$18,050	\$6.41	\$13,339	\$9.81	\$20,405	\$5.96	\$12,401	\$6.97	\$14,492	\$9.03	\$18,778	\$10.17	\$21,154	\$10.88	\$22,623
35-2015	Cooks, Short Order	\$7.27	\$15,125	\$6.12	\$12,720	\$7.85	\$16,328	\$5.78	\$12,012	\$6.33	\$13,156	\$7.10	\$14,760	\$8.22	\$17,091	\$9.41	\$19,581
35-2021	Food Preparation Workers	\$8.08	\$16,811	\$5.98	\$12,440	\$9.13	\$18,997	\$5.77	\$11,994	\$6.52	\$13,552	\$7.87	\$16,375	\$9.33	\$19,404	\$10.82	\$22,509
35-3000	Food and Beverage Serving Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-3011	Bartenders	\$7.62	\$15,856	\$6.36	\$13,227	\$8.26	\$17,171	\$5.93	\$12,341	\$6.86	\$14,262	\$7.65	\$15,913	\$8.40	\$17,474	\$9.53	\$19,832
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	\$7.15	\$14,882	\$5.94	\$12,359	\$7.76	\$16,143	\$5.61	\$11,679	\$6.11	\$12,705	\$6.97	\$14,507	\$8.24	\$17,136	\$9.25	\$19,230
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$7.44	\$15,481	\$6.01	\$12,504	\$8.16	\$16,970	\$5.75	\$11,956	\$6.37	\$13,244	\$7.46	\$15,522	\$8.50	\$17,689	\$9.55	\$19,857
35-3031	Waiters and Waitresses	\$6.40	\$13,320	\$5.92	\$12,317	\$6.64	\$13,821	\$5.47	\$11,379	\$5.76	\$11,982	\$6.24	\$12,988	\$6.73	\$13,993	\$7.95	\$16,528
35-3041	Food Servers, Nonrestaurant	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-9000	Other Food Preparation and Serving Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$6.43	\$13,381	\$5.87	\$12,218	\$6.71	\$13,963	\$5.45	\$11,334	\$5.77	\$12,011	\$6.32	\$13,141	\$6.89	\$14,341	\$8.23	\$17,109
35-9021	Dishwashers	\$6.62	\$13,776	\$5.85	\$12,168	\$7.01	\$14,581	\$5.45	\$11,339	\$5.81	\$12,079	\$6.40	\$13,312	\$7.36	\$15,305	\$8.39	\$17,453
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$7.50	\$15,600	\$5.94	\$12,346	\$8.28	\$17,228	\$5.74	\$11,936	\$6.46	\$13,442	\$7.55	\$15,713	\$8.42	\$17,522	\$9.53	\$19,826
35-9099	Food Preparation and Serving Related Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-0000	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>\$10.25</b>	<b>\$21,310</b>	<b>\$7.10</b>	<b>\$14,774</b>	<b>\$11.82</b>	<b>\$24,578</b>	<b>\$6.73</b>	<b>\$14,008</b>	<b>\$7.83</b>	<b>\$16,282</b>	<b>\$9.77</b>	<b>\$20,312</b>	<b>\$12.24</b>	<b>\$25,466</b>	<b>\$13.99</b>	<b>\$29,097</b>
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$14.08	\$29,291	\$10.73	\$22,312	\$15.76	\$32,781	\$9.77	\$20,321	\$11.38	\$23,671	\$13.37	\$27,814	\$15.90	\$33,078	\$18.72	\$38,941
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grounds	\$15.89	\$33,042	\$10.75	\$22,355	\$18.45	\$38,386	\$8.88	\$18,480	\$12.24	\$25,458	\$15.60	\$32,454	\$19.94	\$41,469	\$21.84	\$45,427
37-2000	Building Cleaning and Pest Control Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$10.61	\$22,072	\$7.77	\$16,171	\$12.03	\$25,023	\$7.32	\$15,219	\$8.49	\$17,665	\$10.29	\$21,402	\$12.42	\$25,832	\$13.78	\$28,660
37-2012	Maids and Housekeeping Cleaners	\$7.85	\$16,322	\$6.70	\$13,942	\$8.42	\$17,511	\$6.19	\$12,880	\$7.05	\$14,660	\$7.76	\$16,139	\$8.47	\$17,623	\$10.02	\$20,849
37-2021	Pest Control Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-3000	Grounds Maintenance Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
37-3011	Landscaping and Groundskeeping Workers	\$9.37	\$19,488	\$6.23	\$12,953	\$10.94	\$22,756	\$5.90	\$12,278	\$6.77	\$14,073	\$9.48	\$19,720	\$11.65	\$24,227	\$13.32	\$27,715
39-0000	<b>Personal Care and Service Occupations</b>	<b>\$9.19</b>	<b>\$19,113</b>	<b>\$5.96</b>	<b>\$12,396</b>	<b>\$10.80</b>	<b>\$22,472</b>	<b>\$5.72</b>	<b>\$11,903</b>	<b>\$6.36</b>	<b>\$13,222</b>	<b>\$7.93</b>	<b>\$16,486</b>	<b>\$10.55</b>	<b>\$21,954</b>	<b>\$16.52</b>	<b>\$34,359</b>
39-1000	Supervisors, Personal Care and Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-1011	Gaming Supervisors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-1012	Slot Key Persons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-1021	First-Line Supervisors/Managers of Personal Service Workers	\$14.07	\$29,261	\$9.15	\$19,022	\$16.53	\$34,380	\$8.63	\$17,959	\$9.97	\$20,731	\$12.95	\$26,933	\$18.64	\$38,762	\$20.99	\$43,654
39-2000	Animal Care and Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-2021	Nonfarm Animal Caretakers	\$8.32	\$17,304	\$6.47	\$13,457	\$9.24	\$19,227	\$6.11	\$12,711	\$6.90	\$14,345	\$8.00	\$16,640	\$9.84	\$20,468	\$10.92	\$22,723
39-3000	Entertainment Attendants and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-3011	Gaming Dealers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-3031	Ushers, Lobby Attendants, and Ticket Takers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-3091	Amusement and Recreation Attendants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-3199	Gaming Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-4000	Funeral Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-4011	Embalmers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-4021	Funeral Attendants	\$9.94	\$20,669	\$6.18	\$12,847	\$11.82	\$24,580	\$5.82	\$12,097	\$6.37	\$13,246	\$8.96	\$18,629	\$12.18	\$25,328	\$19.12	\$39,764
39-5000	Personal Appearance Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$10.22	\$21,265	\$7.14	\$14,847	\$11.77	\$24,473	\$6.72	\$13,975	\$8.03	\$16,707	\$9.86	\$20,512	\$12.12	\$25,200	\$14.62	\$30,402
39-9000	Other Personal Care and Service Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
39-9011	Child Care Workers	\$7.68	\$15,983	\$5.93	\$12,344	\$8.56	\$17,803	\$5.72	\$11,896	\$6.46	\$13,442	\$7.60	\$15,809	\$8.73	\$18,153	\$10.34	\$21,514
39-9021	Personal and Home Care Aides	\$8.79	\$18,276	\$7.54	\$15,678	\$9.41	\$19,575	\$7.23	\$15,035	\$7.80	\$16,228	\$8.77	\$18,249	\$10.06	\$20,930	\$10.85	\$22,572
39-9031	Fitness Trainers and Aerobics Instructors	\$10.17	\$21,161	\$6.48	\$13,485	\$12.02	\$24,999	\$6.03	\$12,553	\$7.03	\$14,623	\$9.08	\$18,896	\$12.71	\$26,431	\$16.85	\$35,056
39-9032	Recreation Workers	\$9.36	\$19,475	\$5.92	\$12,321	\$11.08	\$23,052	\$5.73	\$11,914	\$6.42	\$13,347	\$8.56	\$17,802	\$12.12	\$25,209	\$13.96	\$29,037
39-9041	Residential Advisors	\$11.60	\$24,118	\$9.66	\$20,091	\$12.56	\$26,132	\$9.15	\$19,041	\$10.01	\$20,831	\$11.47	\$23,847	\$12.91	\$26,860	\$14.65	\$30,480
41-0000	<b>Sales and Related Occupations</b>	<b>\$12.56</b>	<b>\$26,120</b>	<b>\$6.85</b>	<b>\$14,254</b>	<b>\$15.41</b>	<b>\$32,054</b>	<b>\$6.27</b>	<b>\$13,039</b>	<b>\$7.52</b>	<b>\$15,649</b>	<b>\$9.48</b>	<b>\$19,717</b>	<b>\$14.19</b>	<b>\$29,520</b>	<b>\$22.75</b>	<b>\$47,320</b>
41-1000	Supervisors, Sales Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	\$17.77	\$36,957	\$9.66	\$20,102	\$21.82	\$45,385	\$9.06	\$18,852	\$10.68	\$22,219	\$14.85	\$30,885	\$20.12	\$41,843	\$28.99	\$60,306
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	\$26.62	\$55,373	\$13.77	\$28,634	\$33.05	\$68,743	\$12.39	\$25,772	\$15.83	\$32,928	\$23.80	\$49,504	\$32.83	\$68,282	\$47.03	\$97,828
41-2000	Retail Sales Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-2011	Cashiers	\$7.59	\$15,797	\$5.99	\$12,465	\$8.40	\$17,464	\$5.75	\$11,966	\$6.38	\$13,278	\$7.46	\$15,508	\$8.47	\$17,617	\$10.08	\$20,962
41-2012	Gaming Change Persons and Booth Cashiers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-2021	Counter and Rental Clerks	\$11.59	\$24,098	\$7.13	\$14,823	\$13.82	\$28,735	\$6.75	\$14,030	\$7.62	\$15,850	\$9.21	\$19,147	\$14.51	\$30,182	\$20.75	\$43,150
41-2022	Parts Salespersons	\$12.93	\$26,897	\$8.23	\$17,115	\$15.28	\$31,788	\$7.38	\$15,360	\$9.39	\$19,530	\$12.10	\$25,175	\$15.94	\$33,163	\$20.36	\$42,344
41-2031	Retail Salespersons	\$11.01	\$22,892	\$7.12	\$14,811	\$12.95	\$26,932	\$6.62	\$13,764	\$7.72	\$16,065	\$9.33	\$19,401	\$12.25	\$25,471	\$16.73	\$34,796
41-3000	Sales Representatives, Services	NA	NA	NA													



41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	\$32.50	\$67,598	\$19.24	\$40,016	\$39.13	\$81,389	\$12.78	\$26,578	\$25.32	\$52,669	\$36.31	\$75,515	\$40.88	\$85,035	\$43.61	\$90,715
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and	\$20.93	\$43,526	\$13.24	\$27,533	\$24.77	\$51,523	\$11.97	\$24,907	\$15.03	\$31,272	\$18.55	\$38,592	\$25.48	\$53,006	\$33.22	\$69,107
41-9000	Other Sales and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9011	Demonstrators and Product Promoters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9021	Real Estate Brokers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9022	Real Estate Sales Agents	\$16.17	\$33,632	\$12.24	\$25,470	\$18.13	\$37,713	\$11.65	\$24,228	\$12.41	\$25,810	\$13.67	\$28,436	\$17.46	\$36,319	\$26.44	\$54,993
41-9031	Sales Engineers	\$25.25	\$52,524	\$19.89	\$41,375	\$27.93	\$58,099	\$19.06	\$39,640	\$21.06	\$43,811	\$24.88	\$51,744	\$28.66	\$69,620	\$33.41	\$69,495
41-9041	Telemarketers	\$11.50	\$23,930	\$8.09	\$16,824	\$13.21	\$27,483	\$7.66	\$15,933	\$8.84	\$18,377	\$10.70	\$22,246	\$14.74	\$30,662	\$16.45	\$34,212
41-9099	Sales and Related Workers, All Other	\$12.74	\$26,495	\$7.86	\$16,347	\$15.18	\$31,570	\$6.78	\$14,094	\$9.10	\$18,931	\$12.54	\$26,079	\$15.88	\$33,037	\$18.88	\$39,261
43-0000	<b>Office and Administrative Support Occupations</b>	<b>\$12.37</b>	<b>\$25,723</b>	<b>\$8.42</b>	<b>\$17,512</b>	<b>\$14.34</b>	<b>\$29,829</b>	<b>\$7.56</b>	<b>\$15,734</b>	<b>\$9.42</b>	<b>\$19,598</b>	<b>\$11.52</b>	<b>\$23,965</b>	<b>\$14.53</b>	<b>\$30,219</b>	<b>\$17.99</b>	<b>\$37,419</b>
43-1000	Supervisors, Office and Administrative Support Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$18.38	\$38,235	\$12.86	\$26,751	\$21.14	\$43,977	\$11.49	\$23,898	\$14.62	\$30,407	\$17.18	\$35,734	\$20.85	\$43,361	\$27.08	\$56,317
43-2000	Communications Equipment Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-2011	Switchboard Operators, Including Answering Service	\$10.00	\$20,795	\$7.59	\$15,793	\$11.20	\$23,296	\$7.34	\$15,271	\$8.23	\$17,109	\$9.64	\$20,047	\$11.01	\$22,904	\$14.32	\$29,779
43-3000	Financial Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-3011	Bill and Account Collectors	\$13.04	\$27,119	\$10.90	\$22,675	\$14.11	\$29,341	\$10.10	\$20,999	\$11.31	\$23,521	\$12.53	\$26,053	\$13.83	\$28,768	\$17.77	\$36,968
43-3021	Billing and Posting Clerks and Machine Operators	\$11.82	\$24,577	\$9.23	\$19,193	\$13.11	\$27,269	\$9.12	\$18,964	\$10.15	\$21,102	\$11.70	\$24,333	\$13.24	\$27,540	\$15.17	\$31,550
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$12.24	\$25,462	\$9.00	\$18,720	\$13.86	\$28,833	\$8.32	\$17,313	\$9.91	\$20,603	\$11.73	\$24,400	\$14.11	\$29,357	\$16.79	\$34,931
43-3041	Gaming Cage Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-3051	Payroll and Timekeeping Clerks	\$13.20	\$27,451	\$10.20	\$21,220	\$14.70	\$30,566	\$9.55	\$19,868	\$11.07	\$23,030	\$12.86	\$26,752	\$15.04	\$31,276	\$17.10	\$35,568
43-3061	Procurement Clerks	\$14.11	\$29,348	\$10.70	\$22,248	\$15.82	\$32,898	\$9.89	\$20,570	\$11.39	\$23,682	\$14.24	\$29,618	\$16.51	\$34,335	\$18.68	\$38,860
43-3071	Tellers	\$9.82	\$20,420	\$8.82	\$18,346	\$10.32	\$21,458	\$8.11	\$16,862	\$9.23	\$19,202	\$10.03	\$20,853	\$10.82	\$22,505	\$11.30	\$23,497
43-4000	Information and Record Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4031	Court, Municipal, and License Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4041	Credit Authorizers, Checkers, and Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4051	Customer Service Representatives	\$13.44	\$27,954	\$9.33	\$19,409	\$15.49	\$32,226	\$8.96	\$18,635	\$10.28	\$21,391	\$12.42	\$25,838	\$15.54	\$32,330	\$20.78	\$43,214
43-4061	Eligibility Interviewers, Government Programs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4071	File Clerks	\$10.15	\$21,109	\$7.88	\$16,388	\$11.28	\$23,469	\$7.51	\$15,616	\$8.43	\$17,528	\$9.99	\$20,772	\$11.72	\$24,372	\$13.30	\$27,672
43-4081	Hotel, Motel, and Resort Desk Clerks	\$7.39	\$15,376	\$5.93	\$12,341	\$8.12	\$16,893	\$5.69	\$11,843	\$6.30	\$13,108	\$7.37	\$15,324	\$8.53	\$17,739	\$9.70	\$20,185
43-4111	Interviewers, Except Eligibility and Loan	\$10.32	\$21,463	\$9.44	\$19,639	\$10.76	\$22,376	\$8.84	\$18,388	\$9.37	\$19,487	\$10.18	\$21,179	\$11.03	\$22,940	\$12.59	\$26,178
43-4121	Library Assistants, Clerical	\$13.09	\$23,059	\$8.95	\$18,619	\$12.15	\$25,279	\$8.78	\$18,267	\$9.43	\$19,623	\$10.52	\$21,883	\$13.01	\$27,067	\$15.41	\$32,055
43-4131	Loan Interviewers and Clerks	\$14.30	\$29,745	\$11.13	\$23,145	\$15.89	\$33,044	\$10.30	\$21,416	\$12.08	\$25,128	\$15.12	\$31,445	\$16.73	\$34,807	\$17.71	\$36,826
43-4141	New Accounts Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4151	Order Clerks	\$11.87	\$24,692	\$8.90	\$18,503	\$13.36	\$27,787	\$8.25	\$17,162	\$9.36	\$19,461	\$10.67	\$22,190	\$13.14	\$27,332	\$18.42	\$38,312
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$14.17	\$29,466	\$10.71	\$22,285	\$15.89	\$33,056	\$9.65	\$20,064	\$11.78	\$24,507	\$13.98	\$29,074	\$16.48	\$34,273	\$19.07	\$39,657
43-4171	Receptionists and Information Clerks	\$9.74	\$20,255	\$6.92	\$14,384	\$11.15	\$23,190	\$6.29	\$13,080	\$7.87	\$16,378	\$9.76	\$20,306	\$11.22	\$23,342	\$13.27	\$27,596
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-5011	Cargo and Freight Agents	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-5021	Couriers and Messengers	\$10.25	\$21,320	\$8.53	\$17,733	\$11.11	\$23,113	\$7.88	\$16,397	\$8.93	\$18,585	\$10.14	\$21,085	\$11.73	\$24,394	\$13.17	\$27,389
43-5031	Police, Fire, and Ambulance Dispatchers	\$12.05	\$25,059	\$8.72	\$18,144	\$13.71	\$28,516	\$7.71	\$16,035	\$10.15	\$21,114	\$12.08	\$25,134	\$13.75	\$28,601	\$16.52	\$34,364
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$16.66	\$34,659	\$13.53	\$28,137	\$18.23	\$37,921	\$12.32	\$25,624	\$14.51	\$30,188	\$16.21	\$33,708	\$18.41	\$38,286	\$22.49	\$46,782
43-5041	Meter Readers, Utilities	\$12.97	\$26,970	\$9.40	\$19,559	\$14.75	\$30,675	\$8.62	\$17,921	\$10.47	\$21,777	\$12.29	\$25,556	\$15.66	\$32,569	\$19.43	\$40,409
43-5051	Postal Service Clerks	\$20.34	\$42,300	\$18.35	\$38,168	\$21.33	\$44,367	\$17.29	\$35,956	\$18.33	\$38,125	\$20.07	\$41,742	\$22.36	\$46,514	\$25.30	\$52,614
43-5052	Postal Service Mail Carriers	\$19.75	\$41,085	\$14.87	\$30,931	\$22.19	\$46,163	\$14.26	\$29,667	\$16.09	\$33,467	\$19.92	\$41,434	\$23.70	\$49,300	\$25.83	\$53,728
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$12.73	\$26,481	\$9.17	\$19,074	\$14.51	\$30,185	\$8.67	\$18,023	\$9.36	\$19,474	\$10.53	\$21,892	\$14.38	\$29,900	\$21.39	\$44,486
43-5061	Production, Planning, and Expediting Clerks	\$16.75	\$34,850	\$11.09	\$23,067	\$19.59	\$40,742	\$10.17	\$21,153	\$12.19	\$25,354	\$15.24	\$31,698	\$20.34	\$42,317	\$26.25	\$54,606
43-5071	Shipping, Receiving, and Traffic Clerks	\$12.12	\$25,218	\$8.73	\$18,167	\$13.82	\$28,743	\$7.93	\$16,502	\$9.62	\$20,007	\$11.87	\$24,685	\$13.97	\$29,056	\$16.91	\$35,178
43-5081	Stock Clerks and Order Fillers	\$9.32	\$19,381	\$6.90	\$14,343	\$10.53	\$21,899	\$6.41	\$13,333	\$7.34	\$15,274	\$8.52	\$17,726	\$11.05	\$22,976	\$13.40	\$27,879
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$13.38	\$27,826	\$9.70	\$20,180	\$15.22	\$31,649	\$8.19	\$17,027	\$11.26	\$23,416	\$13.36	\$27,792	\$15.43	\$32,093	\$16.84	\$35,037
43-6000	Secretaries and Administrative Assistants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	\$14.88	\$30,952	\$11.28	\$23,466	\$16.68	\$34,695	\$10.28	\$21,391	\$12.34	\$25,673	\$14.87	\$30,929	\$16.81	\$34,958	\$18.30	\$38,062
43-6012	Legal Secretaries	\$13.23	\$27,514	\$9.92	\$20,629	\$14.88	\$30,956	\$9.31	\$19,358	\$10.83	\$22,530	\$12.97	\$26,969	\$15.68	\$32,605	\$17.63	\$36,672
43-6013	Medical Secretaries	\$11.79	\$24,520	\$9.84	\$20,457	\$12.76	\$26,551	\$9.39	\$19,524	\$10.33	\$21,495	\$11.73	\$24,405	\$13.05	\$27,139	\$13.92	\$28,945
43-6014	Secretaries, Except Legal, Medical, and Executive	\$11.10	\$23,090	\$8.52	\$17,728	\$12.39	\$25,771	\$7.59	\$15,794	\$9.39	\$19,535	\$10.80	\$22,471	\$12.94	\$26,919	\$15.04	\$31,276
43-9000	Other Office and Administrative Support Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-9011	Computer Operators	\$15.07	\$31,338	\$10.77	\$22,396	\$17.22	\$35,810	\$9.71	\$20,201	\$11.91	\$24,768	\$14.71	\$30,600	\$18.17	\$37,785	\$20.85	\$43,374
43-9021	Data Entry Keyers	\$10.04	\$20,873	\$7.45	\$15,491	\$11.33	\$23,565	\$6.71	\$13,955	\$8.44	\$17,557	\$9.98	\$20,769	\$11.27	\$23,444	\$13.40	\$27,864
43-9022	Word Processors and Typists	\$10.48	\$21,807	\$6.16	\$12,809	\$12.65	\$26,306	\$5.86	\$12,182	\$6.45	\$13,408	\$10.16	\$21,133	\$13.50	\$28,077	\$16.36	\$34,021
43-9041	Insurance Claims and Policy Processing Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	\$11.04	\$22,955	\$7.90	\$16,432	\$12.60	\$26,217	\$7.42	\$15,433	\$8.73	\$18,165	\$10.58	\$22,007	\$13.91	\$28,936	\$15.90	\$33,078
43-9061	Office Clerks, General	\$9.96	\$20,710	\$7.26	\$15,100	\$11.31	\$23,515	\$6.64	\$13,811	\$8.13	\$16,917	\$9.79	\$20,360	\$11.50	\$23,926	\$13.54	\$28,167
43-9071	Office Machine Operators, Except Computer	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-9081	Proofreaders and Copy Markers	\$14.44	\$30,044	\$10.83	\$22,534	\$16.25	\$33,799	\$9.74	\$20,268	\$11.74	\$24,415	\$14.13	\$29,383	\$17.34	\$36,061	\$20.02	\$41,635
43-9111	Statistical Assistants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers, All	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-0000	<b>Farming, Fishing, and Forestry Occupations</b>	<b>\$9.99</b>	<b>\$20,779</b>	<b>\$6.90</b>	<b>\$14,345</b>	<b>\$11.54</b>	<b>\$23,996</b>	<b>\$6.37</b>	<b>\$13,242</b>	<b>\$7.58</b>	<b>\$15,756</b>	<b>\$9.80</b>	<b>\$20,390</b>	<b>\$12.10</b>	<b>\$25,171</b>	<b>\$13.43</b>	<b>\$27,926</b>
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-2000	Agricultural Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-2091	Agricultural Equipment Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$8.39	\$17,459	\$6.53	\$13,591	\$9.32	\$19,394	\$6.03	\$12,539	\$7.04	\$14,634	\$8.0					



51-3093	Food Cooking Machine Operators and Tenders	\$11.17	\$23,224	\$9.53	\$19,831	\$11.98	\$24,921	\$9.04	\$18,813	\$10.33	\$21,496	\$11.46	\$23,843	\$12.50	\$25,992	\$13.12	\$27,287
51-4000	Metal Workers and Plastic Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$14.35	\$29,841	\$11.17	\$23,241	\$15.93	\$33,141	\$10.25	\$21,321	\$12.07	\$25,105	\$14.63	\$30,425	\$16.52	\$34,366	\$18.12	\$37,693
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and	\$13.08	\$27,200	\$11.22	\$23,335	\$14.01	\$29,133	\$10.52	\$21,888	\$11.61	\$24,153	\$13.04	\$27,125	\$14.78	\$30,737	\$16.30	\$33,903
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	\$11.01	\$22,892	\$9.13	\$18,981	\$11.95	\$24,848	\$8.44	\$17,562	\$9.60	\$19,969	\$11.01	\$22,906	\$12.63	\$26,267	\$13.74	\$28,572
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	\$12.57	\$26,154	\$10.50	\$21,840	\$13.61	\$28,311	\$9.87	\$20,521	\$11.11	\$23,108	\$12.49	\$25,987	\$13.79	\$28,687	\$15.61	\$32,460
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Met	\$12.78	\$26,591	\$10.28	\$21,391	\$14.03	\$29,191	\$9.56	\$19,890	\$11.29	\$23,490	\$12.81	\$26,644	\$14.27	\$29,686	\$16.55	\$34,427
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, a	\$13.56	\$28,201	\$11.49	\$23,904	\$14.59	\$30,350	\$10.48	\$21,801	\$12.05	\$25,074	\$13.23	\$27,512	\$14.43	\$30,008	\$17.76	\$36,932
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and	\$15.87	\$33,012	\$13.01	\$27,055	\$17.30	\$35,990	\$11.56	\$24,048	\$14.08	\$29,295	\$15.66	\$32,568	\$17.29	\$35,961	\$20.88	\$43,421
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plas	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4041	Machineists	\$16.56	\$34,450	\$13.52	\$28,130	\$18.08	\$37,610	\$12.44	\$25,877	\$14.35	\$29,845	\$15.94	\$33,151	\$18.46	\$38,406	\$22.83	\$47,496
51-4071	Foundry Mold and Coremakers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders	\$12.43	\$25,860	\$9.29	\$19,327	\$14.00	\$29,126	\$8.54	\$17,754	\$10.03	\$20,855	\$12.05	\$25,073	\$14.38	\$29,909	\$17.33	\$36,039
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4111	Tool and Die Makers	\$17.18	\$35,736	\$13.02	\$27,088	\$19.26	\$40,060	\$12.41	\$25,814	\$13.78	\$28,672	\$15.90	\$33,080	\$19.52	\$40,594	\$24.44	\$50,840
51-4121	Welders, Cutters, Solderers, and Brazers	\$14.64	\$30,450	\$13.21	\$27,485	\$15.35	\$31,932	\$12.08	\$25,118	\$13.87	\$28,844	\$14.91	\$31,021	\$16.02	\$33,326	\$16.69	\$34,709
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$13.54	\$28,166	\$12.16	\$25,302	\$14.23	\$29,598	\$11.54	\$24,009	\$12.26	\$25,494	\$13.45	\$27,968	\$15.00	\$31,203	\$16.62	\$34,564
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Pla	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-5000	Printing Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-5011	Bindery Workers	\$10.51	\$21,855	\$9.81	\$20,411	\$10.85	\$22,577	\$9.09	\$18,903	\$9.57	\$19,906	\$10.37	\$21,561	\$11.23	\$23,357	\$12.68	\$26,381
51-5021	Job Printers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-5022	Prepress Technicians and Workers	\$15.25	\$31,722	\$9.57	\$19,901	\$18.09	\$37,633	\$9.21	\$19,155	\$10.67	\$22,201	\$15.00	\$31,197	\$19.34	\$40,235	\$23.45	\$48,779
51-5023	Printing Machine Operators	\$14.20	\$29,537	\$9.15	\$19,038	\$16.72	\$34,787	\$8.57	\$17,824	\$10.00	\$20,800	\$14.49	\$30,142	\$17.56	\$36,524	\$20.53	\$42,711
51-6000	Textile, Apparel, and Furnishings Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	\$8.10	\$16,855	\$6.11	\$12,709	\$9.10	\$18,927	\$5.86	\$12,180	\$6.61	\$13,740	\$7.81	\$16,239	\$9.48	\$19,724	\$10.76	\$22,387
51-6021	Pressers, Textile, Garment, and Related Materials	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6031	Sewing Machine Operators	\$10.39	\$21,614	\$9.22	\$19,183	\$10.98	\$22,830	\$8.77	\$18,245	\$9.28	\$19,294	\$10.16	\$21,133	\$11.11	\$23,116	\$13.07	\$27,193
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic s	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6093	Upholsterers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7000	Woodworkers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7011	Cabinetmakers and Bench Carpenters	\$16.34	\$33,982	\$11.10	\$23,086	\$18.96	\$39,431	\$10.65	\$22,155	\$11.72	\$24,380	\$13.35	\$27,764	\$19.35	\$40,255	\$21.37	\$44,454
51-7021	Furniture Finishers	\$12.57	\$26,138	\$11.65	\$24,222	\$13.03	\$27,096	\$11.03	\$22,932	\$11.57	\$24,058	\$12.49	\$25,979	\$13.41	\$27,900	\$15.16	\$31,529
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	\$10.75	\$22,364	\$8.25	\$17,168	\$12.00	\$24,962	\$7.67	\$15,946	\$8.86	\$18,422	\$10.26	\$21,349	\$12.24	\$25,455	\$14.61	\$30,392
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$11.70	\$24,332	\$9.37	\$19,497	\$12.86	\$26,750	\$8.82	\$18,340	\$9.70	\$20,171	\$11.13	\$23,153	\$13.18	\$27,418	\$16.18	\$33,646
51-8000	Plant and System Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8012	Power Distributors and Dispatchers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8013	Power Plant Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8021	Stationary Engineers and Boiler Operators	\$16.33	\$33,964	\$9.80	\$20,390	\$19.59	\$40,750	\$9.38	\$19,504	\$10.68	\$22,205	\$16.04	\$33,355	\$21.63	\$44,999	\$24.91	\$51,820
51-8031	Water and Liquid Waste Treatment Plant and System Operators	\$14.02	\$29,153	\$11.25	\$23,395	\$15.40	\$32,031	\$10.55	\$21,937	\$11.60	\$24,134	\$13.21	\$27,483	\$16.61	\$34,551	\$19.33	\$40,215
51-8092	Gas Plant Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9000	Other Production Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$13.49	\$28,064	\$10.71	\$22,287	\$14.88	\$30,952	\$9.88	\$20,559	\$11.33	\$23,575	\$13.06	\$27,173	\$15.34	\$31,910	\$18.44	\$38,351
51-9022	Grinding and Polishing Workers, Hand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	\$16.59	\$34,504	\$11.64	\$24,220	\$19.06	\$39,646	\$10.24	\$21,295	\$13.51	\$28,096	\$16.99	\$35,333	\$20.50	\$42,648	\$22.10	\$45,961
51-9031	Cutters and Trimmers, Hand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, s	\$12.61	\$26,232	\$12.18	\$25,344	\$12.82	\$26,676	\$11.23	\$23,352	\$11.79	\$24,526	\$12.55	\$26,101	\$13.31	\$27,677	\$14.21	\$29,566
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$14.21	\$29,562	\$10.56	\$21,959	\$16.04	\$33,363	\$9.74	\$20,256	\$11.37	\$23,643	\$12.96	\$26,957	\$16.36	\$34,032	\$20.84	\$43,355
51-9081	Dental Laboratory Technicians	\$14.39	\$29,938	\$9.19	\$19,123	\$16.99	\$35,346	\$8.04	\$16,733	\$10.52	\$21,873	\$13.06	\$27,156	\$16.53	\$34,384	\$23.40	\$48,664
51-9083	Ophthalmic Laboratory Technicians	\$11.96	\$24,881	\$8.42	\$17,509	\$13.73	\$28,567	\$7.46	\$15,512	\$9.44	\$19,633	\$11.33	\$23,574	\$13.44	\$27,948	\$18.21	\$37,867
51-9111	Packaging and Filling Machine Operators and Tenders	\$12.52	\$26,049	\$9.49	\$19,742	\$14.04	\$29,202	\$8.29	\$17,244	\$10.91	\$22,686	\$12.10	\$25,178	\$13.37	\$27,817	\$19.04	\$39,605
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$12.09	\$25,154	\$11.08	\$23,036	\$12.60	\$26,213	\$10.34	\$21,499	\$11.28	\$23,472	\$12.16	\$25,302	\$13.10	\$27,239	\$13.71	\$28,518
51-9122	Painters, Transportation Equipment	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9132	Photographic Processing Machine Operators	\$10.31	\$21,450	\$7.69	\$16,003	\$11.62	\$24,174	\$7.30	\$15,193	\$7.86	\$16,347	\$8.89	\$18,497	\$10.53	\$21,908	\$19.29	\$40,128
51-9141	Semiconductor Processors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9191	Cementing and Gluing Machine Operators and Tenders	\$11.01	\$22,909	\$8.26	\$17,178	\$12.39	\$25,775	\$7.57	\$15,736	\$9.03	\$18,788	\$10.23	\$21,278	\$11.52	\$23,963	\$16.55	\$34,431
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9196	Paper Goods Machine Setters, Operators, and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9198	Helpers--Production Workers	\$11.22	\$23,330	\$8.34	\$17,354	\$12.65	\$26,318	\$7.81	\$16,241	\$8.87	\$18,442	\$10.44	\$21,723	\$13.61	\$28,305	\$16.36	\$34,039
51-9199	Production Workers, All Other	\$12.41	\$25,811	\$9.26	\$19,250	\$13.99	\$29,091	\$9.01	\$18,745	\$10.23	\$21,283	\$12.11	\$25,187	\$14.23	\$29,590	\$17.06	\$35,495
53-0000	<b>Transportation and Material Moving Occupations</b>	<b>\$14.44</b>	<b>\$30,034</b>	<b>\$8.16</b>	<b>\$16,983</b>	<b>\$17.58</b>	<b>\$36,559</b>	<b>\$7.22</b>	<b>\$15,010</b>	<b>\$9.41</b>	<b>\$19,564</b>	<b>\$12.58</b>	<b>\$26,167</b>	<b>\$17.81</b>	<b>\$37,052</b>	<b>\$24.45</b>	<b>\$50,859</b>
53-1000	Supervisors, Transportation and Material Moving Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers,	\$17.46	\$36,321	\$11.81	\$24,563	\$20.29	\$42,200	\$11.37	\$23,644	\$12.75	\$26,512	\$16.32	\$33,939	\$21.37	\$44,445	\$26.74	\$55,625
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Mach	\$23.26	\$48,390	\$14.50	\$30,153	\$27.65	\$57,508	\$13.96	\$29,038	\$16.04	\$33,358	\$20.88	\$43,439	\$27.24	\$56,655	\$33.57	\$69,819
53-2000	Air Transportation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-2012	Commercial Pilots	\$0.00	\$51,182	NA	\$35,946	NA	\$58,800	NA	\$27,862	NA	\$39,415	NA	\$43,972	NA	\$74,641	NA	\$86,157
53-3000	Motor Vehicle Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-3021	Bus Drivers, Transit and Intercity	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-3022	Bus Drivers, School	\$12.97	\$26,983	\$6.70	\$13,933	\$16.11	\$33,507	\$6.06	\$12,605	\$7.65	\$15,910	\$12.38	\$25,742	\$16.52	\$34,371	\$21.92	\$45,584
53-3031	Driver/Sales Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-3032	Truck Drivers, Heavy and Tractor-Trailer	\$16.00	\$33,272	\$10.78	\$22,416	\$18.61	\$38,700	\$9.96	\$20,709	\$12.2							

53-5031	Ship Engineers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-6000	Other Transportation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-6021	Parking Lot Attendants	\$7.95	\$16,526	\$5.91	\$12,284	\$8.96	\$18,647	\$5.60	\$11,648	\$6.13	\$12,751	\$8.77	\$18,248	\$9.83	\$20,447	\$10.47	\$21,767	NA	NA
53-6031	Service Station Attendants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-6099	Transportation Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-7000	Material Moving Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-7011	Conveyor Operators and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-7021	Crane and Tower Operators	\$18.73	\$38,963	\$15.55	\$32,338	\$20.32	\$42,275	\$14.75	\$30,672	\$16.67	\$34,671	\$18.93	\$39,364	\$20.97	\$43,619	\$22.69	\$47,205	NA	NA
53-7032	Excavating and Loading Machine and Dragline Operators	\$15.14	\$31,491	\$12.14	\$25,257	\$16.64	\$34,608	\$11.53	\$23,972	\$12.42	\$25,841	\$13.99	\$29,103	\$17.57	\$36,550	\$20.95	\$43,578	NA	NA
53-7051	Industrial Truck and Tractor Operators	\$13.03	\$27,094	\$10.50	\$21,830	\$14.29	\$29,726	\$9.75	\$20,278	\$11.08	\$23,041	\$12.54	\$26,087	\$14.58	\$30,336	\$17.40	\$36,185	NA	NA
53-7061	Cleaners of Vehicles and Equipment	\$9.97	\$20,731	\$7.13	\$14,822	\$11.39	\$23,686	\$6.70	\$13,940	\$7.65	\$15,918	\$9.04	\$18,796	\$11.74	\$24,419	\$13.84	\$28,785	NA	NA
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$10.40	\$21,628	\$7.24	\$15,050	\$11.98	\$24,918	\$6.84	\$14,224	\$8.00	\$16,636	\$9.58	\$19,935	\$11.47	\$23,857	\$16.35	\$34,013	NA	NA
53-7063	Machine Feeders and Offbearers	\$10.28	\$21,376	\$8.02	\$16,682	\$11.41	\$23,723	\$7.60	\$15,816	\$8.69	\$18,079	\$9.97	\$20,737	\$11.24	\$23,384	\$13.78	\$28,664	NA	NA
53-7064	Packers and Packagers, Hand	\$9.86	\$20,508	\$6.83	\$14,211	\$11.37	\$23,657	\$6.21	\$12,911	\$7.74	\$16,098	\$9.96	\$20,716	\$12.19	\$25,361	\$13.37	\$27,800	NA	NA
53-7081	Refuse and Recyclable Material Collectors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-7199	Material Moving Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**

**BASE PERIOD: 2002**

**PROJECTED PERIOD: 2012**

**AREA: Economic Growth Region 10**

**Ranked by Total Growth 2002-2012**

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	Rank
	<b>Total, All Occupations</b>	<b>104,790</b>	<b>114,960</b>	<b>10,170</b>	<b>10%</b>	<b>26,400</b>	<b>37,730</b>	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,750	3,100	350	13%	450	800	1
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,990	2,290	300	15%	860	1,160	2
25-2021	Elementary School Teachers, Except Special Education	1,320	1,610	290	22%	290	580	3
29-1111	Registered Nurses	1,320	1,600	280	21%	280	560	4
35-3031	Waiters and Waitresses	1,750	2,010	260	15%	900	1,160	5
39-3011	Gaming Dealers	760	1,020	260	34%	240	500	5
31-9092	Medical Assistants	440	690	250	57%	80	330	7
41-2031	Retail Salespersons	3,080	3,310	230	7%	1,120	1,350	8
25-2031	Secondary School Teachers, Except Special and Vocational Education	890	1,110	220	25%	250	470	9
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,950	2,160	210	11%	640	850	10
43-4171	Receptionists and Information Clerks	660	840	180	27%	160	340	11
53-7064	Packers and Packagers, Hand	1,100	1,280	180	16%	210	390	11
41-2011	Cashiers	3,160	3,330	170	5%	1,540	1,710	13
25-9041	Teacher Assistants	690	850	160	23%	130	290	14
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,480	1,640	160	11%	280	440	14
49-9042	Maintenance and Repair Workers, General	1,180	1,320	140	12%	230	360	16
11-1021	General and Operations Managers	1,050	1,180	130	12%	200	330	17
35-2021	Food Preparation Workers	910	1,040	130	14%	320	460	17
31-1012	Nursing Aides, Orderlies, and Attendants	940	1,060	120	13%	120	240	19
35-2014	Cooks, Restaurant	630	750	120	19%	200	320	19
43-9061	Office Clerks, General	1,820	1,940	120	7%	400	520	19
43-4051	Customer Service Representatives	700	810	110	16%	100	210	22
13-1031	Claims Adjusters, Examiners, and Investigators	260	360	100	38%	30	140	23
31-1011	Home Health Aides	440	540	100	23%	60	160	23
51-9031	Cutters and Trimmers, Hand	360	460	100	28%	70	180	23
25-2022	Middle School Teachers, Except Special and Vocational Education	440	530	90	20%	100	190	26
33-3051	Police and Sheriff's Patrol Officers	490	580	90	18%	130	210	26
47-2061	Construction Laborers	940	1,030	90	10%	130	210	26
51-4121	Welders, Cutters, Solderers, and Brazers	1,080	1,170	90	8%	310	400	26
13-2011	Accountants and Auditors	460	540	80	17%	90	170	30
31-9091	Dental Assistants	190	270	80	42%	50	140	30
37-3011	Landscaping and Groundskeeping Workers	640	720	80	13%	140	220	30
41-9041	Telemarketers	480	560	80	17%	80	150	30
47-2073	Operating Engineers and Other Construction Equipment Operators	620	700	80	13%	160	240	30
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,000	1,080	80	8%	210	290	30
13-2072	Loan Officers	270	340	70	26%	40	110	36
15-1032	Computer Software Engineers, Systems Software	210	280	70	33%	20	90	36
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	790	860	70	9%	190	260	36
35-3041	Food Servers, Nonrestaurant	220	290	70	32%	80	140	36
39-1011	Gaming Supervisors	270	340	70	26%	60	120	36
41-2012	Gaming Change Persons and Booth Cashiers	210	280	70	33%	100	170	36
43-3071	Tellers	550	620	70	13%	270	340	36
49-3023	Automotive Service Technicians and Mechanics	630	700	70	11%	170	230	36
51-6031	Sewing Machine Operators	190	260	70	37%	20	90	36
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	380	450	70	18%	100	170	36
21-1093	Social and Human Service Assistants	120	180	60	50%	20	90	46
29-1062	Family and General Practitioners	250	310	60	24%	30	90	46
29-2071	Medical Records and Health Information Technicians	110	170	60	55%	20	70	46
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	560	620	60	11%	370	430	46
39-5012	Hairdressers, Hairstylists, and Cosmetologists	360	420	60	17%	70	120	46
39-9031	Fitness Trainers and Aerobics Instructors	150	210	60	40%	30	100	46
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	730	790	60	8%	190	260	46
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	590	650	60	10%	100	160	46
53-7051	Industrial Truck and Tractor Operators	930	990	60	6%	180	230	46

25-1021	Computer Science Teachers, Postsecondary	110	160	50	45%	30	70	55
29-1051	Pharmacists	210	260	50	24%	40	90	55
29-2052	Pharmacy Technicians	240	290	50	21%	30	80	55
31-9094	Medical Transcriptionists	140	190	50	36%	30	70	55
33-2011	Fire Fighters	290	340	50	17%	80	130	55
33-9032	Security Guards	540	590	50	9%	120	170	55
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	240	290	50	21%	80	120	55
39-9011	Child Care Workers	910	960	50	5%	250	310	55
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,260	1,310	50	4%	230	270	55
43-6011	Executive Secretaries and Administrative Assistants	850	900	50	6%	160	210	55
47-2051	Cement Masons and Concrete Finishers	260	310	50	19%	50	100	55
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	560	610	50	9%	140	190	55
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	240	290	50	21%	30	80	55
53-3033	Truck Drivers, Light or Delivery Services	690	740	50	7%	60	120	55
15-1051	Computer Systems Analysts	120	160	40	33%	10	60	69
21-1021	Child, Family, and School Social Workers	300	340	40	13%	50	90	69
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	140	180	40	29%	30	80	69
37-2012	Maids and Housekeeping Cleaners	740	780	40	5%	160	200	69
41-2021	Counter and Rental Clerks	470	510	40	9%	180	220	69
41-3021	Insurance Sales Agents	340	380	40	12%	80	120	69
43-3011	Bill and Account Collectors	190	230	40	21%	40	70	69
47-2031	Carpenters	690	730	40	6%	110	150	69
47-2111	Electricians	420	460	40	10%	80	120	69
51-9198	Helpers--Production Workers	870	910	40	5%	240	290	69
11-2022	Sales Managers	110	140	30	27%	20	40	79
11-3021	Computer and Information Systems Managers	100	130	30	30%	20	40	79
11-3031	Financial Managers	230	260	30	13%	30	60	79
11-9032	Education Administrators, Elementary and Secondary School	130	160	30	23%	30	60	79
11-9111	Medical and Health Services Managers	150	180	30	20%	30	70	79
11-1011	Chief Executives	290	320	30	10%	60	80	79
13-1071	Employment, Recruitment, and Placement Specialists	100	130	30	30%	20	50	79
13-1073	Training and Development Specialists	100	130	30	30%	20	50	79
13-1111	Management Analysts	70	100	30	43%	10	40	79
13-2021	Appraisers and Assessors of Real Estate	150	180	30	20%	30	60	79
15-1041	Computer Support Specialists	170	200	30	18%	20	50	79
17-1011	Architects, Except Landscape and Naval	70	100	30	43%	10	40	79
21-1014	Mental Health Counselors	50	80	30	60%	10	30	79
21-1015	Rehabilitation Counselors	90	120	30	33%	20	50	79
23-1011	Lawyers	140	170	30	21%	20	50	79
25-1011	Business Teachers, Postsecondary	80	110	30	38%	20	50	79
25-1081	Education Teachers, Postsecondary	70	100	30	43%	20	40	79
25-1124	Foreign Language and Literature Teachers, Postsecondary	70	100	30	43%	20	50	79
29-1123	Physical Therapists	150	180	30	20%	20	50	79
29-2021	Dental Hygienists	60	90	30	50%	10	30	79
29-2034	Radiologic Technologists and Technicians	130	160	30	23%	30	50	79
29-2061	Licensed Practical and Licensed Vocational Nurses	660	690	30	5%	140	180	79
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	220	250	30	14%	70	100	79
39-9021	Personal and Home Care Aides	210	240	30	14%	30	60	79
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,100	1,130	30	3%	240	260	79
43-3041	Gaming Cage Workers	150	180	30	20%	70	100	79
43-6013	Medical Secretaries	270	300	30	11%	50	80	79
47-2152	Plumbers, Pipefitters, and Steamfitters	470	500	30	6%	110	140	79
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	330	360	30	9%	80	110	79
49-9052	Telecommunications Line Installers and Repairers	60	90	30	50%	20	40	79
51-3023	Slaughterers and Meat Packers	410	440	30	7%	90	130	79
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	470	500	30	6%	110	140	79
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operator	270	300	30	11%	60	90	79
11-3051	Industrial Production Managers	210	230	20	10%	40	60	112
11-9151	Social and Community Service Managers	70	90	20	29%	10	30	112
13-1032	Insurance Appraisers, Auto Damage	60	80	20	33%	10	30	112
13-2082	Tax Preparers	100	120	20	20%	20	40	112
15-1071	Network and Computer Systems Administrators	70	90	20	29%	10	30	112
17-3023	Electrical and Electronic Engineering Technicians	70	90	20	29%	20	30	112
17-3026	Industrial Engineering Technicians	80	100	20	25%	20	30	112
17-3031	Surveying and Mapping Technicians	80	100	20	25%	30	50	112
19-4091	Environmental Science and Protection Technicians, Including Health	40	60	20	50%	10	30	112
23-2011	Paralegals and Legal Assistants	70	90	20	29%	10	30	112

23-2093	Title Examiners, Abstractors, and Searchers	150	170	20	13%	20	30	112
25-1194	Vocational Education Teachers, Postsecondary	40	60	20	50%	10	30	112
25-2011	Preschool Teachers, Except Special Education	80	100	20	25%	10	30	112
25-2012	Kindergarten Teachers, Except Special Education	70	90	20	29%	10	30	112
25-2042	Special Education Teachers, Middle School	40	60	20	50%	10	20	112
25-2043	Special Education Teachers, Secondary School	80	100	20	25%	20	40	112
25-3021	Self-Enrichment Education Teachers	50	70	20	40%	10	30	112
27-3031	Public Relations Specialists	50	70	20	40%	10	30	112
27-4021	Photographers	110	130	20	18%	20	40	112
29-1067	Surgeons	40	60	20	50%	10	20	112
29-1126	Respiratory Therapists	80	100	20	25%	30	50	112
29-2011	Medical and Clinical Laboratory Technologists	80	100	20	25%	20	40	112
29-2012	Medical and Clinical Laboratory Technicians	90	110	20	22%	30	40	112
29-2041	Emergency Medical Technicians and Paramedics	150	170	20	13%	20	40	112
29-2055	Surgical Technologists	50	70	20	40%	10	20	112
31-2021	Physical Therapist Assistants	50	70	20	40%	10	20	112
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	50	70	20	40%	10	20	112
33-3012	Correctional Officers and Jailers	150	170	20	13%	30	50	112
33-9021	Private Detectives and Investigators	90	110	20	22%	20	40	112
35-1011	Chefs and Head Cooks	130	150	20	15%	40	60	112
35-9021	Dishwashers	270	290	20	7%	90	110	112
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	130	20	18%	10	30	112
39-3091	Amusement and Recreation Attendants	90	110	20	22%	30	50	112
39-9032	Recreation Workers	130	150	20	15%	30	50	112
41-3031	Securities, Commodities, and Financial Services Sales Agents	120	140	20	17%	10	30	112
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	100	120	20	20%	30	40	112
43-3021	Billing and Posting Clerks and Machine Operators	400	420	20	5%	70	80	112
43-4081	Hotel, Motel, and Resort Desk Clerks	160	180	20	13%	70	90	112
43-4111	Interviewers, Except Eligibility and Loan	100	120	20	20%	30	50	112
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	100	120	20	20%	20	40	112
43-5061	Production, Planning, and Expediting Clerks	160	180	20	13%	40	50	112
43-6012	Legal Secretaries	70	90	20	29%	10	30	112
47-2081	Drywall and Ceiling Tile Installers	120	140	20	17%	30	40	112
49-3021	Automotive Body and Related Repairers	180	200	20	11%	40	50	112
49-9041	Industrial Machinery Mechanics	280	300	20	7%	60	80	112
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	90	110	20	22%	20	40	112
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	190	20	12%	60	80	112
51-3092	Food Batchmakers	110	130	20	18%	30	40	112
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	340	360	20	6%	80	110	112
51-8031	Water and Liquid Waste Treatment Plant and System Operators	100	120	20	20%	30	60	112
51-9191	Cementing and Gluing Machine Operators and Tenders	130	150	20	15%	40	50	112
53-3022	Bus Drivers, School	350	370	20	6%	80	100	112
53-3041	Taxi Drivers and Chauffeurs	50	70	20	40%	10	20	112
11-2011	Advertising and Promotions Managers	20	30	10	50%	0	10	165
11-2021	Marketing Managers	50	60	10	20%	10	20	165
11-3011	Administrative Services Managers	90	100	10	11%	20	30	165
11-3040	Human Resources Managers	70	80	10	14%	10	20	165
11-9011	Farm, Ranch, and Other Agricultural Managers	40	50	10	25%	10	10	165
11-9021	Construction Managers	120	130	10	8%	20	30	165
11-9033	Education Administrators, Postsecondary	40	50	10	25%	10	20	165
11-9041	Engineering Managers	80	90	10	13%	20	20	165
11-9051	Food Service Managers	330	340	10	3%	50	70	165
11-9141	Property, Real Estate, and Community Association Managers	80	90	10	13%	20	20	165
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	140	150	10	7%	30	50	165
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	30	40	10	33%	10	10	165
13-1051	Cost Estimators	200	210	10	5%	40	60	165
13-1072	Compensation, Benefits, and Job Analysis Specialists	30	40	10	33%	0	10	165
13-2041	Credit Analysts	20	30	10	50%	0	10	165
15-1031	Computer Software Engineers, Applications	20	30	10	50%	0	10	165
15-1061	Database Administrators	20	30	10	50%	0	10	165
15-1081	Network Systems and Data Communications Analysts	20	30	10	50%	0	10	165
17-2061	Computer Hardware Engineers	70	80	10	14%	10	20	165
17-2072	Electronics Engineers, Except Computer	20	30	10	50%	0	10	165
17-2112	Industrial Engineers	100	110	10	10%	20	30	165
17-3011	Architectural and Civil Drafters	30	40	10	33%	10	20	165
21-1012	Educational, Vocational, and School Counselors	110	120	10	9%	20	40	165
21-1013	Marriage and Family Therapists	20	30	10	50%	0	10	165

21-1022	Medical and Public Health Social Workers	30	40	10	33%	10	20	165
21-1091	Health Educators	40	50	10	25%	10	20	165
25-2032	Vocational Education Teachers, Secondary School	80	90	10	13%	20	30	165
25-4021	Librarians	60	70	10	17%	20	20	165
25-4031	Library Technicians	40	50	10	25%	10	20	165
25-9031	Instructional Coordinators	40	50	10	25%	10	20	165
27-1021	Commercial and Industrial Designers	20	30	10	50%	0	10	165
29-1020	Dentists	90	100	10	11%	10	30	165
29-1041	Optometrists	40	50	10	25%	10	20	165
29-1066	Psychiatrists	30	40	10	33%	0	20	165
29-1122	Occupational Therapists	60	70	10	17%	10	20	165
29-1125	Recreational Therapists	30	40	10	33%	10	20	165
29-1127	Speech-Language Pathologists	60	70	10	17%	10	30	165
29-1131	Veterinarians	40	50	10	25%	10	20	165
29-2031	Cardiovascular Technologists and Technicians	30	40	10	33%	10	20	165
29-2032	Diagnostic Medical Sonographers	30	40	10	33%	10	10	165
29-2056	Veterinary Technologists and Technicians	30	40	10	33%	0	20	165
29-2081	Opticians, Dispensing	130	140	10	8%	20	40	165
31-2022	Physical Therapist Aides	20	30	10	50%	0	10	165
31-9011	Massage Therapists	70	80	10	14%	10	30	165
33-1012	First-Line Supervisors/Managers of Police and Detectives	40	50	10	25%	10	20	165
33-3021	Detectives and Criminal Investigators	20	30	10	50%	10	10	165
33-9031	Gaming Surveillance Officers and Gaming Investigators	30	40	10	33%	10	20	165
35-2015	Cooks, Short Order	120	130	10	8%	40	50	165
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	120	130	10	8%	30	40	165
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	260	270	10	4%	50	60	165
41-3011	Advertising Sales Agents	50	60	10	20%	10	20	165
43-2011	Switchboard Operators, Including Answering Service	150	160	10	7%	40	50	165
43-3051	Payroll and Timekeeping Clerks	210	220	10	5%	60	70	165
43-4031	Court, Municipal, and License Clerks	210	220	10	5%	50	60	165
43-4121	Library Assistants, Clerical	20	30	10	50%	10	10	165
43-5011	Cargo and Freight Agents	40	50	10	25%	10	20	165
43-5032	Dispatchers, Except Police, Fire, and Ambulance	140	150	10	7%	30	40	165
43-9041	Insurance Claims and Policy Processing Clerks	80	90	10	13%	10	20	165
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	180	190	10	6%	50	60	165
45-2093	Farmworkers, Farm and Ranch Animals	50	60	10	20%	10	20	165
47-2021	Brickmasons and Blockmasons	150	160	10	7%	20	30	165
47-2071	Paving, Surfacing, and Tamping Equipment Operators	70	80	10	14%	10	20	165
47-2130	Insulation Workers	70	80	10	14%	20	30	165
47-2141	Painters, Construction and Maintenance	280	290	10	4%	40	50	165
47-2151	Pipelayers	60	70	10	17%	10	20	165
47-2211	Sheet Metal Workers	140	150	10	7%	30	40	165
47-4011	Construction and Building Inspectors	30	40	10	33%	10	10	165
49-2011	Computer, Automated Teller, and Office Machine Repairers	120	130	10	8%	20	20	165
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	60	70	10	17%	10	20	165
49-3011	Aircraft Mechanics and Service Technicians	20	30	10	50%	10	10	165
49-3041	Farm Equipment Mechanics	50	60	10	20%	10	20	165
49-3093	Tire Repairers and Changers	110	120	10	9%	50	50	165
49-9011	Mechanical Door Repairers	80	90	10	13%	20	30	165
49-9043	Maintenance Workers, Machinery	90	100	10	11%	20	30	165
49-9051	Electrical Power-Line Installers and Repairers	70	80	10	14%	20	30	165
51-3011	Bakers	120	130	10	8%	30	40	165
51-3093	Food Cooking Machine Operators and Tenders	70	80	10	14%	20	20	165
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	100	110	10	10%	20	30	165
51-4071	Foundry Mold and Coremakers	50	60	10	20%	10	20	165
51-7011	Cabinetmakers and Bench Carpenters	500	510	10	2%	120	130	165
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	160	170	10	6%	50	50	165
51-8013	Power Plant Operators	80	90	10	13%	20	30	165
51-8021	Stationary Engineers and Boiler Operators	40	50	10	25%	10	10	165
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	90	100	10	11%	20	30	165
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	50	60	10	20%	10	20	165
51-9081	Dental Laboratory Technicians	20	30	10	50%	10	10	165
51-9111	Packaging and Filling Machine Operators and Tenders	380	390	10	3%	80	90	165
51-9122	Painters, Transportation Equipment	20	30	10	50%	10	10	165
51-9132	Photographic Processing Machine Operators	70	80	10	14%	20	30	165
51-9141	Semiconductor Processors	80	90	10	13%	20	20	165
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	40	50	10	25%	10	20	165



53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	170	180	10	6%	40	50	165
53-3021	Bus Drivers, Transit and Intercity	80	90	10	13%	20	30	165
53-6021	Parking Lot Attendants	140	150	10	7%	40	50	165
53-7011	Conveyor Operators and Tenders	90	100	10	11%	30	30	165
53-7021	Crane and Tower Operators	70	80	10	14%	20	20	165
53-7032	Excavating and Loading Machine and Dragline Operators	60	70	10	17%	20	20	165
53-7061	Cleaners of Vehicles and Equipment	320	330	10	3%	110	120	165
11-3061	Purchasing Managers	50	50	0	0%	10	10	263
11-3071	Transportation, Storage, and Distribution Managers	30	30	0	0%	10	10	263
11-9031	Education Administrators, Preschool and Child Care Center/Program	20	20	0	0%	0	10	263
11-9081	Lodging Managers	70	70	0	0%	10	10	263
11-9121	Natural Sciences Managers	40	40	0	0%	10	10	263
11-9131	Postmasters and Mail Superintendents	40	40	0	0%	10	10	263
11-1031	Legislators	80	80	0	0%	10	10	263
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	263
13-1022	Wholesale and Retail Buyers, Except Farm Products	60	60	0	0%	20	20	263
13-2052	Personal Financial Advisors	20	20	0	0%	0	10	263
15-1021	Computer Programmers	60	60	0	0%	10	10	263
15-2041	Statisticians	70	70	0	0%	20	20	263
17-1022	Surveyors	30	30	0	0%	10	10	263
17-2051	Civil Engineers	30	30	0	0%	10	10	263
17-2071	Electrical Engineers	30	30	0	0%	10	10	263
17-2131	Materials Engineers	30	30	0	0%	10	10	263
17-2141	Mechanical Engineers	90	90	0	0%	20	30	263
17-3013	Mechanical Drafters	70	70	0	0%	20	20	263
19-3031	Clinical, Counseling, and School Psychologists	40	40	0	0%	10	20	263
19-4011	Agricultural and Food Science Technicians	20	20	0	0%	0	0	263
19-4031	Chemical Technicians	40	40	0	0%	10	10	263
21-1092	Probation Officers and Correctional Treatment Specialists	30	30	0	0%	10	10	263
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	263
23-2091	Court Reporters	30	30	0	0%	0	10	263
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	10	263
27-1014	Multi-Media Artists and Animators	50	50	0	0%	10	10	263
27-1023	Floral Designers	50	50	0	0%	10	10	263
27-1024	Graphic Designers	70	70	0	0%	10	10	263
27-1026	Merchandise Displayers and Window Trimmers	30	30	0	0%	10	10	263
27-2011	Actors	30	30	0	0%	0	0	263
27-2021	Athletes and Sports Competitors	30	30	0	0%	10	10	263
27-2022	Coaches and Scouts	40	40	0	0%	10	10	263
27-3010	Announcers	20	20	0	0%	0	0	263
27-3020	News Analysts, Reporters and Correspondents	30	30	0	0%	10	10	263
27-3041	Editors	20	20	0	0%	0	0	263
29-1011	Chiropractors	30	30	0	0%	10	10	263
29-1031	Dietitians and Nutritionists	20	20	0	0%	0	10	263
29-2051	Dietetic Technicians	30	30	0	0%	0	0	263
29-2053	Psychiatric Technicians	100	100	0	0%	10	20	263
31-9095	Pharmacy Aides	120	120	0	0%	20	30	263
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	20	0	0%	10	10	263
33-9091	Crossing Guards	50	50	0	0%	20	20	263
35-3011	Bartenders	270	270	0	0%	110	110	263
37-2021	Pest Control Workers	30	30	0	0%	10	10	263
39-1012	Slot Key Persons	40	40	0	0%	10	20	263
39-1021	First-Line Supervisors/Managers of Personal Service Workers	250	250	0	0%	60	60	263
39-2021	Nonfarm Animal Caretakers	50	50	0	0%	10	20	263
39-3031	Ushers, Lobby Attendants, and Ticket Takers	40	40	0	0%	20	20	263
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	20	0	0%	10	10	263
39-4011	Embalmers	40	40	0	0%	10	10	263
39-4021	Funeral Attendants	20	20	0	0%	0	10	263
39-9041	Residential Advisors	110	110	0	0%	20	30	263
41-9011	Demonstrators and Product Promoters	40	40	0	0%	10	10	263
41-9021	Real Estate Brokers	20	20	0	0%	0	10	263
41-9031	Sales Engineers	50	50	0	0%	10	20	263
43-3061	Procurement Clerks	40	40	0	0%	10	10	263
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	0%	0	0	263
43-4141	New Accounts Clerks	50	50	0	0%	10	20	263
43-5021	Couriers and Messengers	50	50	0	0%	10	10	263
43-5031	Police, Fire, and Ambulance Dispatchers	150	150	0	0%	30	40	263

43-5041	Meter Readers, Utilities	60	60	0	0%	20	20	263
43-5051	Postal Service Clerks	70	70	0	0%	20	20	263
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	30	30	0	0%	10	10	263
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	30	30	0	0%	10	10	263
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	0%	10	10	263
43-9071	Office Machine Operators, Except Computer	100	100	0	0%	30	30	263
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	40	0	0%	10	10	263
45-2091	Agricultural Equipment Operators	20	20	0	0%	10	10	263
45-4021	Fallers	30	30	0	0%	10	10	263
47-2022	Stonemasons	20	20	0	0%	0	0	263
47-2072	Pile-Driver Operators	20	20	0	0%	0	10	263
47-2082	Tapers	40	40	0	0%	10	10	263
47-2171	Reinforcing Iron and Rebar Workers	30	30	0	0%	10	10	263
47-2181	Roofers	120	120	0	0%	30	30	263
47-2221	Structural Iron and Steel Workers	40	40	0	0%	10	10	263
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	30	30	0	0%	10	10	263
47-3012	Helpers--Carpenters	20	20	0	0%	10	10	263
47-3013	Helpers--Electricians	20	20	0	0%	10	10	263
47-4051	Highway Maintenance Workers	150	150	0	0%	20	30	263
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	20	0	0%	10	10	263
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	0	263
47-5081	Helpers--Extraction Workers	20	20	0	0%	0	0	263
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	20	20	0	0%	0	10	263
49-2092	Electric Motor, Power Tool, and Related Repairers	20	20	0	0%	10	10	263
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	20	263
49-3092	Recreational Vehicle Service Technicians	20	20	0	0%	10	10	263
49-9044	Millwrights	40	40	0	0%	10	10	263
49-9062	Medical Equipment Repairers	30	30	0	0%	10	10	263
49-9064	Watch Repairers	20	20	0	0%	10	10	263
51-2041	Structural Metal Fabricators and Fitters	160	160	0	0%	40	40	263
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	70	70	0	0%	10	20	263
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	10	263
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Pl	80	80	0	0%	20	20	263
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	0	263
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	330	330	0	0%	90	90	263
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	263
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0%	10	10	263
51-5011	Bindery Workers	20	20	0	0%	10	10	263
51-6011	Laundry and Dry-Cleaning Workers	110	110	0	0%	30	30	263
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	60	60	0	0%	10	10	263
51-8012	Power Distributors and Dispatchers	20	20	0	0%	10	10	263
51-8092	Gas Plant Operators	40	40	0	0%	10	10	263
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	40	40	0	0%	10	10	263
51-9022	Grinding and Polishing Workers, Hand	20	20	0	0%	10	10	263
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	210	210	0	0%	60	60	263
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	20	20	0	0%	0	10	263
51-9083	Ophthalmic Laboratory Technicians	40	40	0	0%	10	10	263
51-9196	Paper Goods Machine Setters, Operators, and Tenders	180	180	0	0%	40	40	263
53-2012	Commercial Pilots	20	20	0	0%	10	10	263
53-6031	Service Station Attendants	30	30	0	0%	10	10	263
27-4013	Radio Operators	40	30	-10	-25%	10	10	373
41-2022	Parts Salespersons	180	170	-10	-6%	50	50	373
41-3041	Travel Agents	50	40	-10	-20%	10	10	373
41-9022	Real Estate Sales Agents	210	200	-10	-5%	40	40	373
43-4011	Brokerage Clerks	890	870	-10	-1%	120	120	373
43-4061	Eligibility Interviewers, Government Programs	50	40	-10	-20%	10	10	373
43-4071	File Clerks	80	70	-10	-13%	20	20	373
43-4131	Loan Interviewers and Clerks	120	110	-10	-8%	20	20	373
43-9011	Computer Operators	60	50	-10	-17%	10	10	373
43-9021	Data Entry Keyers	90	80	-10	-11%	20	20	373
43-9081	Proofreaders and Copy Markers	20	10	-10	-50%	0	0	373
45-4021	Fallers	120	110	-10	-8%	20	20	373
45-4022	Logging Equipment Operators	170	160	-10	-6%	30	30	373
45-4023	Log Graders and Scalers	140	130	-10	-7%	30	30	373
47-4061	Rail-Track Laying and Maintenance Equipment Operators	90	90	-10	-11%	20	20	373
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	430	430	-10	-2%	150	150	373
49-9094	Locksmiths and Safe Repairers	30	20	-10	-33%	10	10	373

51-2031	Engine and Other Machine Assemblers	120	110	-10	-8%	30	30	373
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	210	200	-10	-5%	70	70	373
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	190	180	-10	-5%	40	40	373
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	100	90	-10	-10%	20	20	373
51-4041	Machinists	350	340	-10	-3%	80	80	373
51-4051	Metal-Refining Furnace Operators and Tenders	1,790	1,780	-10	-1%	490	490	373
51-4111	Tool and Die Makers	120	110	-10	-8%	30	30	373
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	130	120	-10	-8%	40	40	373
51-5021	Job Printers	200	190	-10	-5%	50	50	373
51-5022	Prepress Technicians and Workers	80	70	-10	-13%	20	20	373
51-5023	Printing Machine Operators	230	220	-10	-4%	50	50	373
51-6021	Pressers, Textile, Garment, and Related Materials	100	90	-10	-10%	20	20	373
51-6051	Sewers, Hand	300	290	-10	-3%	70	70	373
51-6093	Upholsterers	30	20	-10	-33%	10	10	373
51-8011	Nuclear Power Reactor Operators	70	70	-10	-14%	20	20	373
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	870	860	-10	-1%	210	210	373
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	1,470	1,470	-10	-1%	400	400	373
51-9193	Cooling and Freezing Equipment Operators and Tenders	140	130	-10	-7%	30	30	373
53-2011	Airline Pilots, Copilots, and Flight Engineers	920	910	-10	-1%	210	210	373
53-3031	Driver/Sales Workers	220	210	-10	-5%	40	40	373
53-4031	Railroad Conductors and Yardmasters	1,000	1,000	-10	-1%	450	450	373
53-7063	Machine Feeders and Offbearers	540	530	-10	-2%	150	150	373
53-7072	Pump Operators, Except Wellhead Pumps	200	190	-10	-5%	60	60	373
53-7081	Refuse and Recyclable Material Collectors	120	110	-10	-8%	30	30	373
35-2011	Cooks, Fast Food	1,000	980	-20	-2%	310	310	414
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,450	1,430	-20	-1%	270	270	414
43-5052	Postal Service Mail Carriers	350	330	-20	-6%	110	110	414
43-9022	Word Processors and Typists	60	40	-20	-33%	10	10	414
51-2022	Electrical and Electronic Equipment Assemblers	80	60	-20	-25%	20	20	414
51-3021	Butchers and Meat Cutters	120	100	-20	-17%	30	30	414
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	390	370	-20	-5%	120	120	414
51-7021	Furniture Finishers	280	260	-20	-7%	60	60	414
53-5011	Sailors and Marine Oilers	850	830	-20	-2%	300	300	414
53-5021	Captains, Mates, and Pilots of Water Vessels	390	370	-20	-5%	110	110	414
43-5071	Shipping, Receiving, and Traffic Clerks	650	620	-30	-5%	130	130	424
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	660	630	-30	-5%	170	170	424
53-5031	Ship Engineers	660	630	-30	-5%	290	290	424
35-2012	Cooks, Institution and Cafeteria	570	530	-40	-7%	180	180	427
43-6014	Secretaries, Except Legal, Medical, and Executive	1,140	1,100	-40	-4%	220	220	427
43-4151	Order Clerks	280	230	-50	-18%	60	60	429
43-9111	Statistical Assistants	930	870	-60	-6%	150	150	430
43-5081	Stock Clerks and Order Fillers	1,290	1,150	-140	-11%	480	480	431
51-2092	Team Assemblers	2,180	1,980	-200	-9%	570	570	432

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 10**

**Ranked by Growth Rate (Percent Change 2002-2012)**  
**All data rounded to nearest 10, Occupations with less than 20 excluded**

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	Rank
	<b>Total, All Occupations</b>	<b>104,790</b>	<b>114,960</b>	<b>10,170</b>	<b>10%</b>	<b>26,400</b>	<b>37,730</b>	
21-1014	Mental Health Counselors	50	80	30	60%	10	30	1
31-9092	Medical Assistants	440	690	250	57%	80	330	2
29-2071	Medical Records and Health Information Technicians	110	170	60	55%	20	70	3
11-2011	Advertising and Promotions Managers	20	30	10	50%	0	10	4
13-2041	Credit Analysts	20	30	10	50%	0	10	4
15-1031	Computer Software Engineers, Applications	20	30	10	50%	0	10	4
15-1061	Database Administrators	20	30	10	50%	0	10	4
15-1081	Network Systems and Data Communications Analysts	20	30	10	50%	0	10	4
17-2072	Electronics Engineers, Except Computer	20	30	10	50%	0	10	4
19-4091	Environmental Science and Protection Technicians, Including Health	40	60	20	50%	10	30	4
21-1013	Marriage and Family Therapists	20	30	10	50%	0	10	4
21-1093	Social and Human Service Assistants	120	180	60	50%	20	90	4
25-1194	Vocational Education Teachers, Postsecondary	40	60	20	50%	10	30	4
25-2042	Special Education Teachers, Middle School	40	60	20	50%	10	20	4
27-1021	Commercial and Industrial Designers	20	30	10	50%	0	10	4
29-1067	Surgeons	40	60	20	50%	10	20	4
29-2021	Dental Hygienists	60	90	30	50%	10	30	4
31-2022	Physical Therapist Aides	20	30	10	50%	0	10	4
33-3021	Detectives and Criminal Investigators	20	30	10	50%	10	10	4
43-4121	Library Assistants, Clerical	20	30	10	50%	10	10	4
49-3011	Aircraft Mechanics and Service Technicians	20	30	10	50%	10	10	4
49-9052	Telecommunications Line Installers and Repairers	60	90	30	50%	20	40	4
51-9081	Dental Laboratory Technicians	20	30	10	50%	10	10	4
51-9122	Painters, Transportation Equipment	20	30	10	50%	10	10	4
25-1021	Computer Science Teachers, Postsecondary	110	160	50	45%	30	70	25
13-1111	Management Analysts	70	100	30	43%	10	40	26
17-1011	Architects, Except Landscape and Naval	70	100	30	43%	10	40	26
25-1081	Education Teachers, Postsecondary	70	100	30	43%	20	40	26
25-1124	Foreign Language and Literature Teachers, Postsecondary	70	100	30	43%	20	50	26
31-9091	Dental Assistants	190	270	80	42%	50	140	30
25-3021	Self-Enrichment Education Teachers	50	70	20	40%	10	30	31
27-3031	Public Relations Specialists	50	70	20	40%	10	30	31
29-2055	Surgical Technologists	50	70	20	40%	10	20	31
31-2021	Physical Therapist Assistants	50	70	20	40%	10	20	31
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	50	70	20	40%	10	20	31
39-9031	Fitness Trainers and Aerobics Instructors	150	210	60	40%	30	100	31
53-3041	Taxi Drivers and Chauffeurs	50	70	20	40%	10	20	31
13-1031	Claims Adjusters, Examiners, and Investigators	260	360	100	38%	30	140	38
25-1011	Business Teachers, Postsecondary	80	110	30	38%	20	50	39
51-6031	Sewing Machine Operators	190	260	70	37%	20	90	40
31-9094	Medical Transcriptionists	140	190	50	36%	30	70	41
39-3011	Gaming Dealers	760	1,020	260	34%	240	500	42
13-1032	Insurance Appraisers, Auto Damage	60	80	20	33%	10	30	43
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and	30	40	10	33%	10	10	43
13-1072	Compensation, Benefits, and Job Analysis Specialists	30	40	10	33%	0	10	43
15-1032	Computer Software Engineers, Systems Software	210	280	70	33%	20	90	43
15-1051	Computer Systems Analysts	120	160	40	33%	10	60	43
17-3011	Architectural and Civil Drafters	30	40	10	33%	10	20	43
21-1015	Rehabilitation Counselors	90	120	30	33%	20	50	43
21-1022	Medical and Public Health Social Workers	30	40	10	33%	10	20	43
29-1066	Psychiatrists	30	40	10	33%	0	20	43
29-1125	Recreational Therapists	30	40	10	33%	10	20	43
29-2031	Cardiovascular Technologists and Technicians	30	40	10	33%	10	20	43
29-2032	Diagnostic Medical Sonographers	30	40	10	33%	10	10	43
29-2056	Veterinary Technologists and Technicians	30	40	10	33%	0	20	43
33-9031	Gaming Surveillance Officers and Gaming Investigators	30	40	10	33%	10	20	43
41-2012	Gaming Change Persons and Booth Cashiers	210	280	70	33%	100	170	43

47-4011	Construction and Building Inspectors	30	40	10	33%	10	10	43
35-3041	Food Servers, Nonrestaurant	220	290	70	32%	80	140	59
11-3021	Computer and Information Systems Managers	100	130	30	30%	20	40	60
13-1071	Employment, Recruitment, and Placement Specialists	100	130	30	30%	20	50	60
13-1073	Training and Development Specialists	100	130	30	30%	20	50	60
11-9151	Social and Community Service Managers	70	90	20	29%	10	30	63
15-1071	Network and Computer Systems Administrators	70	90	20	29%	10	30	63
17-3023	Electrical and Electronic Engineering Technicians	70	90	20	29%	20	30	63
23-2011	Paralegals and Legal Assistants	70	90	20	29%	10	30	63
25-2012	Kindergarten Teachers, Except Special Education	70	90	20	29%	10	30	63
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	140	180	40	29%	30	80	63
43-6012	Legal Secretaries	70	90	20	29%	10	30	63
51-9031	Cutters and Trimmers, Hand	360	460	100	28%	70	180	70
11-2022	Sales Managers	110	140	30	27%	20	40	71
43-4171	Receptionists and Information Clerks	660	840	180	27%	160	340	71
13-2072	Loan Officers	270	340	70	26%	40	110	73
39-1011	Gaming Supervisors	270	340	70	26%	60	120	73
11-9011	Farm, Ranch, and Other Agricultural Managers	40	50	10	25%	10	10	75
11-9033	Education Administrators, Postsecondary	40	50	10	25%	10	20	75
17-3026	Industrial Engineering Technicians	80	100	20	25%	20	30	75
17-3031	Surveying and Mapping Technicians	80	100	20	25%	30	50	75
21-1091	Health Educators	40	50	10	25%	10	20	75
25-2011	Preschool Teachers, Except Special Education	80	100	20	25%	10	30	75
25-2043	Special Education Teachers, Secondary School	80	100	20	25%	20	40	75
25-4031	Library Technicians	40	50	10	25%	10	20	75
25-9031	Instructional Coordinators	40	50	10	25%	10	20	75
29-1041	Optometrists	40	50	10	25%	10	20	75
29-1126	Respiratory Therapists	80	100	20	25%	30	50	75
29-1131	Veterinarians	40	50	10	25%	10	20	75
29-2011	Medical and Clinical Laboratory Technologists	80	100	20	25%	20	40	75
33-1012	First-Line Supervisors/Managers of Police and Detectives	40	50	10	25%	10	20	75
43-5011	Cargo and Freight Agents	40	50	10	25%	10	20	75
51-8021	Stationary Engineers and Boiler Operators	40	50	10	25%	10	10	75
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	40	50	10	25%	10	20	75
25-2031	Secondary School Teachers, Except Special and Vocational Education	890	1,110	220	25%	250	470	92
29-1062	Family and General Practitioners	250	310	60	24%	30	90	93
29-1051	Pharmacists	210	260	50	24%	40	90	94
25-9041	Teacher Assistants	690	850	160	23%	130	290	95
11-9032	Education Administrators, Elementary and Secondary School	130	160	30	23%	30	60	96
29-2034	Radiologic Technologists and Technicians	130	160	30	23%	30	50	96
31-1011	Home Health Aides	440	540	100	23%	60	160	98
29-2012	Medical and Clinical Laboratory Technicians	90	110	20	22%	30	40	99
33-9021	Private Detectives and Investigators	90	110	20	22%	20	40	99
39-3091	Amusement and Recreation Attendants	90	110	20	22%	30	50	99
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	90	110	20	22%	20	40	99
25-2021	Elementary School Teachers, Except Special Education	1,320	1,610	290	22%	290	580	103
23-1011	Lawyers	140	170	30	21%	20	50	104
29-1111	Registered Nurses	1,320	1,600	280	21%	280	560	105
43-3011	Bill and Account Collectors	190	230	40	21%	40	70	106
29-2052	Pharmacy Technicians	240	290	50	21%	30	80	107
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	240	290	50	21%	80	120	107
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	240	290	50	21%	30	80	107
25-2022	Middle School Teachers, Except Special and Vocational Education	440	530	90	20%	100	190	110
11-2021	Marketing Managers	50	60	10	20%	10	20	111
11-9111	Medical and Health Services Managers	150	180	30	20%	30	70	111
13-2021	Appraisers and Assessors of Real Estate	150	180	30	20%	30	60	111
13-2082	Tax Preparers	100	120	20	20%	20	40	111
29-1123	Physical Therapists	150	180	30	20%	20	50	111
41-3011	Advertising Sales Agents	50	60	10	20%	10	20	111
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	100	120	20	20%	30	40	111
43-3041	Gaming Cage Workers	150	180	30	20%	70	100	111
43-4111	Interviewers, Except Eligibility and Loan	100	120	20	20%	30	50	111
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	100	120	20	20%	20	40	111
45-2093	Farmworkers, Farm and Ranch Animals	50	60	10	20%	10	20	111
49-3041	Farm Equipment Mechanics	50	60	10	20%	10	20	111
51-4071	Foundry Mold and Coremakers	50	60	10	20%	10	20	111
51-8031	Water and Liquid Waste Treatment Plant and System Operators	100	120	20	20%	30	60	111
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and	50	60	10	20%	10	20	111
47-2051	Cement Masons and Concrete Finishers	260	310	50	19%	50	100	126
35-2014	Cooks, Restaurant	630	750	120	19%	200	320	127
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	380	450	70	18%	100	170	128

33-3051	Police and Sheriff's Patrol Officers	490	580	90	18%	130	210	129
27-4021	Photographers	110	130	20	18%	20	40	130
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundsk	110	130	20	18%	10	30	130
51-3092	Food Batchmakers	110	130	20	18%	30	40	130
15-1041	Computer Support Specialists	170	200	30	18%	20	50	133
13-2011	Accountants and Auditors	460	540	80	17%	90	170	134
33-2011	Fire Fighters	290	340	50	17%	80	130	135
25-4021	Librarians	60	70	10	17%	20	20	136
29-1122	Occupational Therapists	60	70	10	17%	10	20	136
29-1127	Speech-Language Pathologists	60	70	10	17%	10	30	136
39-5012	Hairdressers, Hairstylists, and Cosmetologists	360	420	60	17%	70	120	136
41-3031	Securities, Commodities, and Financial Services Sales Agents	120	140	20	17%	10	30	136
41-9041	Telemarketers	480	560	80	17%	80	150	136
47-2081	Drywall and Ceiling Tile Installers	120	140	20	17%	30	40	136
47-2151	Pipelayers	60	70	10	17%	10	20	136
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	60	70	10	17%	10	20	136
53-7032	Excavating and Loading Machine and Dragline Operators	60	70	10	17%	20	20	136
53-7064	Packers and Packagers, Hand	1,100	1,280	180	16%	210	390	146
43-4051	Customer Service Representatives	700	810	110	16%	100	210	147
35-1011	Chefs and Head Cooks	130	150	20	15%	40	60	148
39-9032	Recreation Workers	130	150	20	15%	30	50	148
51-9191	Cementing and Gluing Machine Operators and Tenders	130	150	20	15%	40	50	148
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,990	2,290	300	15%	860	1,160	151
35-3031	Waiters and Waitresses	1,750	2,010	260	15%	900	1,160	152
11-3040	Human Resources Managers	70	80	10	14%	10	20	153
17-2061	Computer Hardware Engineers	70	80	10	14%	10	20	153
31-9011	Massage Therapists	70	80	10	14%	10	30	153
35-2021	Food Preparation Workers	910	1,040	130	14%	320	460	153
39-9021	Personal and Home Care Aides	210	240	30	14%	30	60	153
47-2071	Paving, Surfacing, and Tamping Equipment Operators	70	80	10	14%	10	20	153
47-2130	Insulation Workers	70	80	10	14%	20	30	153
49-9051	Electrical Power-Line Installers and Repairers	70	80	10	14%	20	30	153
51-3093	Food Cooking Machine Operators and Tenders	70	80	10	14%	20	20	153
51-9132	Photographic Processing Machine Operators	70	80	10	14%	20	30	153
53-7021	Crane and Tower Operators	70	80	10	14%	20	20	153
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	220	250	30	14%	70	100	164
21-1021	Child, Family, and School Social Workers	300	340	40	13%	50	90	165
23-2093	Title Examiners, Abstractors, and Searchers	150	170	20	13%	20	30	165
29-2041	Emergency Medical Technicians and Paramedics	150	170	20	13%	20	40	165
33-3012	Correctional Officers and Jailers	150	170	20	13%	30	50	165
11-3031	Financial Managers	230	260	30	13%	30	60	169
47-2073	Operating Engineers and Other Construction Equipment Operators	620	700	80	13%	160	240	170
31-1012	Nursing Aides, Orderlies, and Attendants	940	1,060	120	13%	120	240	171
43-3071	Tellers	550	620	70	13%	270	340	172
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,750	3,100	350	13%	450	800	172
11-9041	Engineering Managers	80	90	10	13%	20	20	174
11-9141	Property, Real Estate, and Community Association Managers	80	90	10	13%	20	20	174
25-2032	Vocational Education Teachers, Secondary School	80	90	10	13%	20	30	174
37-3011	Landscaping and Groundskeeping Workers	640	720	80	13%	140	220	174
43-4081	Hotel, Motel, and Resort Desk Clerks	160	180	20	13%	70	90	174
43-5061	Production, Planning, and Expediting Clerks	160	180	20	13%	40	50	174
43-9041	Insurance Claims and Policy Processing Clerks	80	90	10	13%	10	20	174
49-9011	Mechanical Door Repairers	80	90	10	13%	20	30	174
51-8013	Power Plant Operators	80	90	10	13%	20	30	174
51-9141	Semiconductor Processors	80	90	10	13%	20	20	174
53-3021	Bus Drivers, Transit and Intercity	80	90	10	13%	20	30	174
11-1021	General and Operations Managers	1,050	1,180	130	12%	200	330	185
49-9042	Maintenance and Repair Workers, General	1,180	1,320	140	12%	230	360	186
41-3021	Insurance Sales Agents	340	380	40	12%	80	120	187
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	190	20	12%	60	80	187
11-3011	Administrative Services Managers	90	100	10	11%	20	30	189
29-1020	Dentists	90	100	10	11%	10	30	189
43-6013	Medical Secretaries	270	300	30	11%	50	80	189
49-3021	Automotive Body and Related Repairers	180	200	20	11%	40	50	189
49-3023	Automotive Service Technicians and Mechanics	630	700	70	11%	170	230	189
49-9043	Maintenance Workers, Machinery	90	100	10	11%	20	30	189
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	90	100	10	11%	20	30	189
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machin	270	300	30	11%	60	90	189
53-7011	Conveyor Operators and Tenders	90	100	10	11%	30	30	189
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,480	1,640	160	11%	280	440	198
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,950	2,160	210	11%	640	850	199

35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	560	620	60	11%	370	430	200
11-1011	Chief Executives	290	320	30	10%	60	80	201
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Worker	590	650	60	10%	100	160	202
17-2112	Industrial Engineers	100	110	10	10%	20	30	203
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	100	110	10	10%	20	30	203
47-2061	Construction Laborers	940	1,030	90	10%	130	210	205
11-3051	Industrial Production Managers	210	230	20	10%	40	60	206
47-2111	Electricians	420	460	40	10%	80	120	206
33-9032	Security Guards	540	590	50	9%	120	170	208
21-1012	Educational, Vocational, and School Counselors	110	120	10	9%	20	40	209
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	330	360	30	9%	80	110	209
49-3093	Tire Repairers and Changers	110	120	10	9%	50	50	209
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	560	610	50	9%	140	190	212
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	790	860	70	9%	190	260	213
41-2021	Counter and Rental Clerks	470	510	40	9%	180	220	214
11-9021	Construction Managers	120	130	10	8%	20	30	215
35-2015	Cooks, Short Order	120	130	10	8%	40	50	215
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	120	130	10	8%	30	40	215
49-2011	Computer, Automated Teller, and Office Machine Repairers	120	130	10	8%	20	20	215
51-3011	Bakers	120	130	10	8%	30	40	215
51-4121	Welders, Cutters, Solderers, and Brazers	1,080	1,170	90	8%	310	400	215
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Sci	730	790	60	8%	190	260	221
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,000	1,080	80	8%	210	290	222
29-2081	Opticians, Dispensing	130	140	10	8%	20	40	223
41-2031	Retail Salespersons	3,080	3,310	230	7%	1,120	1,350	224
35-9021	Dishwashers	270	290	20	7%	90	110	225
51-3023	Slaughterers and Meat Packers	410	440	30	7%	90	130	226
53-3033	Truck Drivers, Light or Delivery Services	690	740	50	7%	60	120	227
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	140	150	10	7%	30	50	228
43-5032	Dispatchers, Except Police, Fire, and Ambulance	140	150	10	7%	30	40	228
47-2211	Sheet Metal Workers	140	150	10	7%	30	40	228
49-9041	Industrial Machinery Mechanics	280	300	20	7%	60	80	228
53-6021	Parking Lot Attendants	140	150	10	7%	40	50	228
43-2011	Switchboard Operators, Including Answering Service	150	160	10	7%	40	50	233
47-2021	Brickmasons and Blockmasons	150	160	10	7%	20	30	233
43-9061	Office Clerks, General	1,820	1,940	120	7%	400	520	235
53-7051	Industrial Truck and Tractor Operators	930	990	60	6%	180	230	236
47-2152	Plumbers, Pipefitters, and Steamfitters	470	500	30	6%	110	140	237
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	470	500	30	6%	110	140	237
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	160	170	10	6%	50	50	239
43-6011	Executive Secretaries and Administrative Assistants	850	900	50	6%	160	210	240
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, M	340	360	20	6%	80	110	240
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, H	170	180	10	6%	40	50	240
47-2031	Carpenters	690	730	40	6%	110	150	243
53-3022	Bus Drivers, School	350	370	20	6%	80	100	244
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	180	190	10	6%	50	60	245
39-9011	Child Care Workers	910	960	50	5%	250	310	246
37-2012	Maids and Housekeeping Cleaners	740	780	40	5%	160	200	247
41-2011	Cashiers	3,160	3,330	170	5%	1,540	1,710	248
13-1051	Cost Estimators	200	210	10	5%	40	60	249
43-3021	Billing and Posting Clerks and Machine Operators	400	420	20	5%	70	80	249
43-3051	Payroll and Timekeeping Clerks	210	220	10	5%	60	70	251
43-4031	Court, Municipal, and License Clerks	210	220	10	5%	50	60	251
51-9198	Helpers--Production Workers	870	910	40	5%	240	290	253
29-2061	Licensed Practical and Licensed Vocational Nurses	660	690	30	5%	140	180	254
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,260	1,310	50	4%	230	270	255
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	260	270	10	4%	50	60	256
47-2141	Painters, Construction and Maintenance	280	290	10	4%	40	50	257
53-7061	Cleaners of Vehicles and Equipment	320	330	10	3%	110	120	258
11-9051	Food Service Managers	330	340	10	3%	50	70	259
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,100	1,130	30	3%	240	260	260
51-9111	Packaging and Filling Machine Operators and Tenders	380	390	10	3%	80	90	261
51-7011	Cabinetmakers and Bench Carpenters	500	510	10	2%	120	130	262
11-3061	Purchasing Managers	50	50	0	0%	10	10	263
11-3071	Transportation, Storage, and Distribution Managers	30	30	0	0%	10	10	263
11-9031	Education Administrators, Preschool and Child Care Center/Program	20	20	0	0%	0	10	263
11-9081	Lodging Managers	70	70	0	0%	10	10	263
11-9121	Natural Sciences Managers	40	40	0	0%	10	10	263
11-9131	Postmasters and Mail Superintendents	40	40	0	0%	10	10	263
11-1031	Legislators	80	80	0	0%	10	10	263
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	263

13-1022	Wholesale and Retail Buyers, Except Farm Products	60	60	0	0%	20	20	263
13-2052	Personal Financial Advisors	20	20	0	0%	0	10	263
15-1021	Computer Programmers	60	60	0	0%	10	10	263
15-2041	Statisticians	70	70	0	0%	20	20	263
17-1022	Surveyors	30	30	0	0%	10	10	263
17-2051	Civil Engineers	30	30	0	0%	10	10	263
17-2071	Electrical Engineers	30	30	0	0%	10	10	263
17-2131	Materials Engineers	30	30	0	0%	10	10	263
17-2141	Mechanical Engineers	90	90	0	0%	20	30	263
17-3013	Mechanical Drafters	70	70	0	0%	20	20	263
19-3031	Clinical, Counseling, and School Psychologists	40	40	0	0%	10	20	263
19-4011	Agricultural and Food Science Technicians	20	20	0	0%	0	0	263
19-4031	Chemical Technicians	40	40	0	0%	10	10	263
21-1092	Probation Officers and Correctional Treatment Specialists	30	30	0	0%	10	10	263
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	263
23-2091	Court Reporters	30	30	0	0%	0	10	263
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	10	263
27-1014	Multi-Media Artists and Animators	50	50	0	0%	10	10	263
27-1023	Floral Designers	50	50	0	0%	10	10	263
27-1024	Graphic Designers	70	70	0	0%	10	10	263
27-1026	Merchandise Displayers and Window Trimmers	30	30	0	0%	10	10	263
27-2011	Actors	30	30	0	0%	0	0	263
27-2021	Athletes and Sports Competitors	30	30	0	0%	10	10	263
27-2022	Coaches and Scouts	40	40	0	0%	10	10	263
27-3010	Announcers	20	20	0	0%	0	0	263
27-3020	News Analysts, Reporters and Correspondents	30	30	0	0%	10	10	263
27-3041	Editors	20	20	0	0%	0	0	263
29-1011	Chiropractors	30	30	0	0%	10	10	263
29-1031	Dietitians and Nutritionists	20	20	0	0%	0	10	263
29-2051	Dietetic Technicians	30	30	0	0%	0	0	263
29-2053	Psychiatric Technicians	100	100	0	0%	10	20	263
31-9095	Pharmacy Aides	120	120	0	0%	20	30	263
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	20	0	0%	10	10	263
33-9091	Crossing Guards	50	50	0	0%	20	20	263
35-3011	Bartenders	270	270	0	0%	110	110	263
37-2021	Pest Control Workers	30	30	0	0%	10	10	263
39-1012	Slot Key Persons	40	40	0	0%	10	20	263
39-1021	First-Line Supervisors/Managers of Personal Service Workers	250	250	0	0%	60	60	263
39-2021	Nonfarm Animal Caretakers	50	50	0	0%	10	20	263
39-3031	Ushers, Lobby Attendants, and Ticket Takers	40	40	0	0%	20	20	263
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	20	0	0%	10	10	263
39-4011	Embalmers	40	40	0	0%	10	10	263
39-4021	Funeral Attendants	20	20	0	0%	0	10	263
39-9041	Residential Advisors	110	110	0	0%	20	30	263
41-9011	Demonstrators and Product Promoters	40	40	0	0%	10	10	263
41-9021	Real Estate Brokers	20	20	0	0%	0	10	263
41-9031	Sales Engineers	50	50	0	0%	10	20	263
43-3061	Procurement Clerks	40	40	0	0%	10	10	263
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	0%	0	0	263
43-4141	New Accounts Clerks	50	50	0	0%	10	20	263
43-5021	Couriers and Messengers	50	50	0	0%	10	10	263
43-5031	Police, Fire, and Ambulance Dispatchers	150	150	0	0%	30	40	263
43-5041	Meter Readers, Utilities	60	60	0	0%	20	20	263
43-5051	Postal Service Clerks	70	70	0	0%	20	20	263
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	30	30	0	0%	10	10	263
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	30	30	0	0%	10	10	263
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	0%	10	10	263
43-9071	Office Machine Operators, Except Computer	100	100	0	0%	30	30	263
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	40	0	0%	10	10	263
45-2091	Agricultural Equipment Operators	20	20	0	0%	10	10	263
45-4021	Fallers	30	30	0	0%	10	10	263
47-2022	Stonemasons	20	20	0	0%	0	0	263
47-2072	Pile-Driver Operators	20	20	0	0%	0	10	263
47-2082	Tapers	40	40	0	0%	10	10	263
47-2171	Reinforcing Iron and Rebar Workers	30	30	0	0%	10	10	263
47-2181	Roofers	120	120	0	0%	30	30	263
47-2221	Structural Iron and Steel Workers	40	40	0	0%	10	10	263
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	30	30	0	0%	10	10	263
47-3012	Helpers--Carpenters	20	20	0	0%	10	10	263
47-3013	Helpers--Electricians	20	20	0	0%	10	10	263
47-4051	Highway Maintenance Workers	150	150	0	0%	20	30	263



47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	20	0	0%	10	10	263
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	0	263
47-5081	Helpers--Extraction Workers	20	20	0	0%	0	0	263
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	20	20	0	0%	0	10	263
49-2092	Electric Motor, Power Tool, and Related Repairers	20	20	0	0%	10	10	263
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	20	263
49-3092	Recreational Vehicle Service Technicians	20	20	0	0%	10	10	263
49-9044	Millwrights	40	40	0	0%	10	10	263
49-9062	Medical Equipment Repairers	30	30	0	0%	10	10	263
49-9064	Watch Repairers	20	20	0	0%	10	10	263
51-2041	Structural Metal Fabricators and Fitters	160	160	0	0%	40	40	263
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	70	70	0	0%	10	20	263
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	10	263
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and	80	80	0	0%	20	20	263
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	0	263
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	330	330	0	0%	90	90	263
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	263
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plasti	60	60	0	0%	10	10	263
51-5011	Bindery Workers	20	20	0	0%	10	10	263
51-6011	Laundry and Dry-Cleaning Workers	110	110	0	0%	30	30	263
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic an	60	60	0	0%	10	10	263
51-8012	Power Distributors and Dispatchers	20	20	0	0%	10	10	263
51-8092	Gas Plant Operators	40	40	0	0%	10	10	263
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	40	40	0	0%	10	10	263
51-9022	Grinding and Polishing Workers, Hand	20	20	0	0%	10	10	263
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	210	210	0	0%	60	60	263
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	20	20	0	0%	0	10	263
51-9083	Ophthalmic Laboratory Technicians	40	40	0	0%	10	10	263
51-9196	Paper Goods Machine Setters, Operators, and Tenders	180	180	0	0%	40	40	263
53-2012	Commercial Pilots	20	20	0	0%	10	10	263
53-6031	Service Station Attendants	30	30	0	0%	10	10	263
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,450	1,430	-20	-1%	270	270	373
53-7063	Machine Feeders and Offbearers	540	530	-10	-2%	150	150	374
35-2011	Cooks, Fast Food	1,000	980	-20	-2%	310	310	375
53-5011	Sailors and Marine Oilers	850	830	-20	-2%	300	300	376
51-4041	Machinists	350	340	-10	-3%	80	80	377
43-6014	Secretaries, Except Legal, Medical, and Executive	1,140	1,100	-40	-4%	220	220	378
51-5023	Printing Machine Operators	230	220	-10	-4%	50	50	379
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	660	630	-30	-5%	170	170	380
53-3031	Driver/Sales Workers	220	210	-10	-5%	40	40	380
53-5031	Ship Engineers	660	630	-30	-5%	290	290	380
43-5071	Shipping, Receiving, and Traffic Clerks	650	620	-30	-5%	130	130	383
41-9022	Real Estate Sales Agents	210	200	-10	-5%	40	40	384
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Pl	210	200	-10	-5%	70	70	384
51-5021	Job Printers	200	190	-10	-5%	50	50	386
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and P	390	370	-20	-5%	120	120	387
53-5021	Captains, Mates, and Pilots of Water Vessels	390	370	-20	-5%	110	110	387
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal	190	180	-10	-5%	40	40	389
41-2022	Parts Salespersons	180	170	-10	-6%	50	50	390
43-5052	Postal Service Mail Carriers	350	330	-20	-6%	110	110	391
43-9111	Statistical Assistants	930	870	-60	-6%	150	150	392
35-2012	Cooks, Institution and Cafeteria	570	530	-40	-7%	180	180	393
51-7021	Furniture Finishers	280	260	-20	-7%	60	60	394
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	130	120	-10	-8%	40	40	395
43-4131	Loan Interviewers and Clerks	120	110	-10	-8%	20	20	396
51-2031	Engine and Other Machine Assemblers	120	110	-10	-8%	30	30	396
51-4111	Tool and Die Makers	120	110	-10	-8%	30	30	396
53-7081	Refuse and Recyclable Material Collectors	120	110	-10	-8%	30	30	396
51-2092	Team Assemblers	2,180	1,980	-200	-9%	570	570	400
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and P	100	90	-10	-10%	20	20	401
51-6021	Pressers, Textile, Garment, and Related Materials	100	90	-10	-10%	20	20	401
43-5081	Stock Clerks and Order Fillers	1,290	1,150	-140	-11%	480	480	403
43-9021	Data Entry Keyers	90	80	-10	-11%	20	20	404
43-4071	File Clerks	80	70	-10	-13%	20	20	405
51-5022	Prepress Technicians and Workers	80	70	-10	-13%	20	20	405
43-9011	Computer Operators	60	50	-10	-17%	10	10	407
51-3021	Butchers and Meat Cutters	120	100	-20	-17%	30	30	407
43-4151	Order Clerks	280	230	-50	-18%	60	60	409
41-3041	Travel Agents	50	40	-10	-20%	10	10	410
43-4061	Eligibility Interviewers, Government Programs	50	40	-10	-20%	10	10	410
27-4013	Radio Operators	40	30	-10	-25%	10	10	412

51-2022	Electrical and Electronic Equipment Assemblers	80	60	-20	-25%	20	20	412
43-9022	Word Processors and Typists	60	40	-20	-33%	10	10	414
49-9094	Locksmiths and Safe Repairers	30	20	-10	-33%	10	10	414
51-6093	Upholsterers	30	20	-10	-33%	10	10	414
43-9081	Proofreaders and Copy Markers	20	10	-10	-50%	0	0	417

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

**LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS**  
**BASE PERIOD: 2002**  
**PROJECTED PERIOD: 2012**  
**AREA: Economic Growth Region 10**

**Ranked by Total Openings 2002-2012**

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements <sup>1</sup>	Total Openings	Rank
	<b>Total, All Occupations</b>	<b>104,790</b>	<b>114,960</b>	<b>10,170</b>	<b>10%</b>	<b>26,400</b>	<b>37,730</b>	
41-2011	Cashiers	3,160	3,330	170	5%	1,540	1,710	1
41-2031	Retail Salespersons	3,080	3,310	230	7%	1,120	1,350	2
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,990	2,290	300	15%	860	1,160	3
35-3031	Waiters and Waitresses	1,750	2,010	260	15%	900	1,160	3
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,950	2,160	210	11%	640	850	5
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,750	3,100	350	13%	450	800	6
25-2021	Elementary School Teachers, Except Special Education	1,320	1,610	290	22%	290	580	7
51-2092	Team Assemblers	2,180	1,980	-200	-9%	570	570	8
29-1111	Registered Nurses	1,320	1,600	280	21%	280	560	9
43-9061	Office Clerks, General	1,820	1,940	120	7%	400	520	10
39-3011	Gaming Dealers	760	1,020	260	34%	240	500	11
43-5081	Stock Clerks and Order Fillers	1,290	1,150	-140	-11%	480	480	12
25-2031	Secondary School Teachers, Except Special and Vocational Education	890	1,110	220	25%	250	470	13
35-2021	Food Preparation Workers	910	1,040	130	14%	320	460	14
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,480	1,640	160	11%	280	440	15
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	560	620	60	11%	370	430	16
51-4121	Welders, Cutters, Solderers, and Brazers	1,080	1,170	90	8%	310	400	17
53-7064	Packers and Packagers, Hand	1,100	1,280	180	16%	210	390	18
49-9042	Maintenance and Repair Workers, General	1,180	1,320	140	12%	230	360	19
43-3071	Tellers	550	620	70	13%	270	340	20
43-4171	Receptionists and Information Clerks	660	840	180	27%	160	340	20
11-1021	General and Operations Managers	1,050	1,180	130	12%	200	330	22
31-9092	Medical Assistants	440	690	250	57%	80	330	22
35-2014	Cooks, Restaurant	630	750	120	19%	200	320	24
35-2011	Cooks, Fast Food	1,000	980	-20	-2%	310	310	25
39-9011	Child Care Workers	910	960	50	5%	250	310	25
53-5011	Sailors and Marine Oilers	850	830	-20	-2%	300	300	27
25-9041	Teacher Assistants	690	850	160	23%	130	290	28
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,000	1,080	80	8%	210	290	28
51-9198	Helpers--Production Workers	870	910	40	5%	240	290	28
53-5031	Ship Engineers	660	630	-30	-5%	290	290	28
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,260	1,310	50	4%	230	270	32
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,450	1,430	-20	-1%	270	270	32
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	790	860	70	9%	190	260	34
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	730	790	60	8%	190	260	34
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,100	1,130	30	3%	240	260	34
31-1012	Nursing Aides, Orderlies, and Attendants	940	1,060	120	13%	120	240	37
47-2073	Operating Engineers and Other Construction Equipment Operators	620	700	80	13%	160	240	37
49-3023	Automotive Service Technicians and Mechanics	630	700	70	11%	170	230	39
53-7051	Industrial Truck and Tractor Operators	930	990	60	6%	180	230	39
37-3011	Landscaping and Groundskeeping Workers	640	720	80	13%	140	220	41
41-2021	Counter and Rental Clerks	470	510	40	9%	180	220	41
43-6014	Secretaries, Except Legal, Medical, and Executive	1,140	1,100	-40	-4%	220	220	41
33-3051	Police and Sheriff's Patrol Officers	490	580	90	18%	130	210	44
43-4051	Customer Service Representatives	700	810	110	16%	100	210	44
43-6011	Executive Secretaries and Administrative Assistants	850	900	50	6%	160	210	44
47-2061	Construction Laborers	940	1,030	90	10%	130	210	44
37-2012	Maids and Housekeeping Cleaners	740	780	40	5%	160	200	48
25-2022	Middle School Teachers, Except Special and Vocational Education	440	530	90	20%	100	190	49
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	560	610	50	9%	140	190	49
29-2061	Licensed Practical and Licensed Vocational Nurses	660	690	30	5%	140	180	51
35-2012	Cooks, Institution and Cafeteria	570	530	-40	-7%	180	180	51
51-9031	Cutters and Trimmers, Hand	360	460	100	28%	70	180	51
13-2011	Accountants and Auditors	460	540	80	17%	90	170	54

33-9032	Security Guards	540	590	50	9%	120	170	54
41-2012	Gaming Change Persons and Booth Cashiers	210	280	70	33%	100	170	54
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	660	630	-30	-5%	170	170	54
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	380	450	70	18%	100	170	54
31-1011	Home Health Aides	440	540	100	23%	60	160	59
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	590	650	60	10%	100	160	59
41-9041	Telemarketers	480	560	80	17%	80	150	61
43-9111	Statistical Assistants	930	870	-60	-6%	150	150	61
47-2031	Carpenters	690	730	40	6%	110	150	61
53-7063	Machine Feeders and Offbearers	540	530	-10	-2%	150	150	61
13-1031	Claims Adjusters, Examiners, and Investigators	260	360	100	38%	30	140	65
31-9091	Dental Assistants	190	270	80	42%	50	140	65
35-3041	Food Servers, Nonrestaurant	220	290	70	32%	80	140	65
47-2152	Plumbers, Pipefitters, and Steamfitters	470	500	30	6%	110	140	65
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	470	500	30	6%	110	140	65
33-2011	Fire Fighters	290	340	50	17%	80	130	70
43-5071	Shipping, Receiving, and Traffic Clerks	650	620	-30	-5%	130	130	70
51-3023	Slaughterers and Meat Packers	410	440	30	7%	90	130	70
51-7011	Cabinetmakers and Bench Carpenters	500	510	10	2%	120	130	70
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	240	290	50	21%	80	120	74
39-1011	Gaming Supervisors	270	340	70	26%	60	120	74
39-5012	Hairdressers, Hairstylists, and Cosmetologists	360	420	60	17%	70	120	74
41-3021	Insurance Sales Agents	340	380	40	12%	80	120	74
47-2111	Electricians	420	460	40	10%	80	120	74
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	390	370	-20	-5%	120	120	74
53-3033	Truck Drivers, Light or Delivery Services	690	740	50	7%	60	120	74
53-7061	Cleaners of Vehicles and Equipment	320	330	10	3%	110	120	74
13-2072	Loan Officers	270	340	70	26%	40	110	82
35-3011	Bartenders	270	270	0	0%	110	110	82
35-9021	Dishwashers	270	290	20	7%	90	110	82
43-5052	Postal Service Mail Carriers	350	330	-20	-6%	110	110	82
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	330	360	30	9%	80	110	82
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	340	360	20	6%	80	110	82
53-5021	Captains, Mates, and Pilots of Water Vessels	390	370	-20	-5%	110	110	82
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	220	250	30	14%	70	100	89
39-9031	Fitness Trainers and Aerobics Instructors	150	210	60	40%	30	100	89
43-3041	Gaming Cage Workers	150	180	30	20%	70	100	89
47-2051	Cement Masons and Concrete Finishers	260	310	50	19%	50	100	89
53-3022	Bus Drivers, School	350	370	20	6%	80	100	89
15-1032	Computer Software Engineers, Systems Software	210	280	70	33%	20	90	94
21-1021	Child, Family, and School Social Workers	300	340	40	13%	50	90	94
21-1093	Social and Human Service Assistants	120	180	60	50%	20	90	94
29-1051	Pharmacists	210	260	50	24%	40	90	94
29-1062	Family and General Practitioners	250	310	60	24%	30	90	94
43-4081	Hotel, Motel, and Resort Desk Clerks	160	180	20	13%	70	90	94
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	330	330	0	0%	90	90	94
51-6031	Sewing Machine Operators	190	260	70	37%	20	90	94
51-9111	Packaging and Filling Machine Operators and Tenders	380	390	10	3%	80	90	94
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	270	300	30	11%	60	90	94
11-1011	Chief Executives	290	320	30	10%	60	80	104
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	140	180	40	29%	30	80	104
29-2052	Pharmacy Technicians	240	290	50	21%	30	80	104
43-3021	Billing and Posting Clerks and Machine Operators	400	420	20	5%	70	80	104
43-6013	Medical Secretaries	270	300	30	11%	50	80	104
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	240	290	50	21%	30	80	104
49-9041	Industrial Machinery Mechanics	280	300	20	7%	60	80	104
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	190	20	12%	60	80	104
51-4041	Machinists	350	340	-10	-3%	80	80	104
11-9051	Food Service Managers	330	340	10	3%	50	70	113
11-9111	Medical and Health Services Managers	150	180	30	20%	30	70	113
25-1021	Computer Science Teachers, Postsecondary	110	160	50	45%	30	70	113
29-2071	Medical Records and Health Information Technicians	110	170	60	55%	20	70	113
31-9094	Medical Transcriptionists	140	190	50	36%	30	70	113
43-3011	Bill and Account Collectors	190	230	40	21%	40	70	113
43-3051	Payroll and Timekeeping Clerks	210	220	10	5%	60	70	113
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	210	200	-10	-5%	70	70	113
11-3031	Financial Managers	230	260	30	13%	30	60	121

11-3051	Industrial Production Managers	210	230	20	10%	40	60	121
11-9032	Education Administrators, Elementary and Secondary School	130	160	30	23%	30	60	121
13-1051	Cost Estimators	200	210	10	5%	40	60	121
13-2021	Appraisers and Assessors of Real Estate	150	180	30	20%	30	60	121
15-1051	Computer Systems Analysts	120	160	40	33%	10	60	121
35-1011	Chefs and Head Cooks	130	150	20	15%	40	60	121
39-1021	First-Line Supervisors/Managers of Personal Service Workers	250	250	0	0%	60	60	121
39-9021	Personal and Home Care Aides	210	240	30	14%	30	60	121
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	260	270	10	4%	50	60	121
43-4031	Court, Municipal, and License Clerks	210	220	10	5%	50	60	121
43-4151	Order Clerks	280	230	-50	-18%	60	60	121
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	180	190	10	6%	50	60	121
51-7021	Furniture Finishers	280	260	-20	-7%	60	60	121
51-8031	Water and Liquid Waste Treatment Plant and System Operators	100	120	20	20%	30	60	121
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	210	210	0	0%	60	60	121
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	140	150	10	7%	30	50	137
13-1071	Employment, Recruitment, and Placement Specialists	100	130	30	30%	20	50	137
13-1073	Training and Development Specialists	100	130	30	30%	20	50	137
15-1041	Computer Support Specialists	170	200	30	18%	20	50	137
17-3031	Surveying and Mapping Technicians	80	100	20	25%	30	50	137
21-1015	Rehabilitation Counselors	90	120	30	33%	20	50	137
23-1011	Lawyers	140	170	30	21%	20	50	137
25-1011	Business Teachers, Postsecondary	80	110	30	38%	20	50	137
25-1124	Foreign Language and Literature Teachers, Postsecondary	70	100	30	43%	20	50	137
29-1123	Physical Therapists	150	180	30	20%	20	50	137
29-1126	Respiratory Therapists	80	100	20	25%	30	50	137
29-2034	Radiologic Technologists and Technicians	130	160	30	23%	30	50	137
33-3012	Correctional Officers and Jailers	150	170	20	13%	30	50	137
35-2015	Cooks, Short Order	120	130	10	8%	40	50	137
39-3091	Amusement and Recreation Attendants	90	110	20	22%	30	50	137
39-9032	Recreation Workers	130	150	20	15%	30	50	137
41-2022	Parts Salespersons	180	170	-10	-6%	50	50	137
43-2011	Switchboard Operators, Including Answering Service	150	160	10	7%	40	50	137
43-4111	Interviewers, Except Eligibility and Loan	100	120	20	20%	30	50	137
43-5061	Production, Planning, and Expediting Clerks	160	180	20	13%	40	50	137
47-2141	Painters, Construction and Maintenance	280	290	10	4%	40	50	137
49-3021	Automotive Body and Related Repairers	180	200	20	11%	40	50	137
49-3093	Tire Repairers and Changers	110	120	10	9%	50	50	137
51-5021	Job Printers	200	190	-10	-5%	50	50	137
51-5023	Printing Machine Operators	230	220	-10	-4%	50	50	137
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	160	170	10	6%	50	50	137
51-9191	Cementing and Gluing Machine Operators and Tenders	130	150	20	15%	40	50	137
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	170	180	10	6%	40	50	137
53-6021	Parking Lot Attendants	140	150	10	7%	40	50	137
11-2022	Sales Managers	110	140	30	27%	20	40	166
11-3021	Computer and Information Systems Managers	100	130	30	30%	20	40	166
13-1111	Management Analysts	70	100	30	43%	10	40	166
13-2082	Tax Preparers	100	120	20	20%	20	40	166
17-1011	Architects, Except Landscape and Naval	70	100	30	43%	10	40	166
21-1012	Educational, Vocational, and School Counselors	110	120	10	9%	20	40	166
25-1081	Education Teachers, Postsecondary	70	100	30	43%	20	40	166
25-2043	Special Education Teachers, Secondary School	80	100	20	25%	20	40	166
27-4021	Photographers	110	130	20	18%	20	40	166
29-2011	Medical and Clinical Laboratory Technologists	80	100	20	25%	20	40	166
29-2012	Medical and Clinical Laboratory Technicians	90	110	20	22%	30	40	166
29-2041	Emergency Medical Technicians and Paramedics	150	170	20	13%	20	40	166
29-2081	Opticians, Dispensing	130	140	10	8%	20	40	166
33-9021	Private Detectives and Investigators	90	110	20	22%	20	40	166
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	120	130	10	8%	30	40	166
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	100	120	20	20%	30	40	166
41-9022	Real Estate Sales Agents	210	200	-10	-5%	40	40	166
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	100	120	20	20%	20	40	166
43-5031	Police, Fire, and Ambulance Dispatchers	150	150	0	0%	30	40	166
43-5032	Dispatchers, Except Police, Fire, and Ambulance	140	150	10	7%	30	40	166
47-2081	Drywall and Ceiling Tile Installers	120	140	20	17%	30	40	166
47-2211	Sheet Metal Workers	140	150	10	7%	30	40	166
49-9052	Telecommunications Line Installers and Repairers	60	90	30	50%	20	40	166

49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	90	110	20	22%	20	40	166
51-2041	Structural Metal Fabricators and Fitters	160	160	0	0%	40	40	166
51-3011	Bakers	120	130	10	8%	30	40	166
51-3092	Food Batchmakers	110	130	20	18%	30	40	166
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	190	180	-10	-5%	40	40	166
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	130	120	-10	-8%	40	40	166
51-9196	Paper Goods Machine Setters, Operators, and Tenders	180	180	0	0%	40	40	166
53-3031	Driver/Sales Workers	220	210	-10	-5%	40	40	166
11-3011	Administrative Services Managers	90	100	10	11%	20	30	197
11-9021	Construction Managers	120	130	10	8%	20	30	197
11-9151	Social and Community Service Managers	70	90	20	29%	10	30	197
13-1032	Insurance Appraisers, Auto Damage	60	80	20	33%	10	30	197
15-1071	Network and Computer Systems Administrators	70	90	20	29%	10	30	197
17-2112	Industrial Engineers	100	110	10	10%	20	30	197
17-2141	Mechanical Engineers	90	90	0	0%	20	30	197
17-3023	Electrical and Electronic Engineering Technicians	70	90	20	29%	20	30	197
17-3026	Industrial Engineering Technicians	80	100	20	25%	20	30	197
19-4091	Environmental Science and Protection Technicians, Including Health	40	60	20	50%	10	30	197
21-1014	Mental Health Counselors	50	80	30	60%	10	30	197
23-2011	Paralegals and Legal Assistants	70	90	20	29%	10	30	197
23-2093	Title Examiners, Abstractors, and Searchers	150	170	20	13%	20	30	197
25-1194	Vocational Education Teachers, Postsecondary	40	60	20	50%	10	30	197
25-2011	Preschool Teachers, Except Special Education	80	100	20	25%	10	30	197
25-2012	Kindergarten Teachers, Except Special Education	70	90	20	29%	10	30	197
25-2032	Vocational Education Teachers, Secondary School	80	90	10	13%	20	30	197
25-3021	Self-Enrichment Education Teachers	50	70	20	40%	10	30	197
27-3031	Public Relations Specialists	50	70	20	40%	10	30	197
29-1020	Dentists	90	100	10	11%	10	30	197
29-1127	Speech-Language Pathologists	60	70	10	17%	10	30	197
29-2021	Dental Hygienists	60	90	30	50%	10	30	197
31-9011	Massage Therapists	70	80	10	14%	10	30	197
31-9095	Pharmacy Aides	120	120	0	0%	20	30	197
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	130	20	18%	10	30	197
39-9041	Residential Advisors	110	110	0	0%	20	30	197
41-3031	Securities, Commodities, and Financial Services Sales Agents	120	140	20	17%	10	30	197
43-6012	Legal Secretaries	70	90	20	29%	10	30	197
43-9071	Office Machine Operators, Except Computer	100	100	0	0%	30	30	197
47-2021	Brickmasons and Blockmasons	150	160	10	7%	20	30	197
47-2130	Insulation Workers	70	80	10	14%	20	30	197
47-2181	Roofers	120	120	0	0%	30	30	197
47-4051	Highway Maintenance Workers	150	150	0	0%	20	30	197
49-9011	Mechanical Door Repairers	80	90	10	13%	20	30	197
49-9043	Maintenance Workers, Machinery	90	100	10	11%	20	30	197
49-9051	Electrical Power-Line Installers and Repairers	70	80	10	14%	20	30	197
51-2031	Engine and Other Machine Assemblers	120	110	-10	-8%	30	30	197
51-3021	Butchers and Meat Cutters	120	100	-20	-17%	30	30	197
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	100	110	10	10%	20	30	197
51-4111	Tool and Die Makers	120	110	-10	-8%	30	30	197
51-6011	Laundry and Dry-Cleaning Workers	110	110	0	0%	30	30	197
51-8013	Power Plant Operators	80	90	10	13%	20	30	197
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	90	100	10	11%	20	30	197
51-9132	Photographic Processing Machine Operators	70	80	10	14%	20	30	197
53-3021	Bus Drivers, Transit and Intercity	80	90	10	13%	20	30	197
53-7011	Conveyor Operators and Tenders	90	100	10	11%	30	30	197
53-7081	Refuse and Recyclable Material Collectors	120	110	-10	-8%	30	30	197
11-2021	Marketing Managers	50	60	10	20%	10	20	244
11-3040	Human Resources Managers	70	80	10	14%	10	20	244
11-9033	Education Administrators, Postsecondary	40	50	10	25%	10	20	244
11-9041	Engineering Managers	80	90	10	13%	20	20	244
11-9141	Property, Real Estate, and Community Association Managers	80	90	10	13%	20	20	244
13-1022	Wholesale and Retail Buyers, Except Farm Products	60	60	0	0%	20	20	244
15-2041	Statisticians	70	70	0	0%	20	20	244
17-2061	Computer Hardware Engineers	70	80	10	14%	10	20	244
17-3011	Architectural and Civil Drafters	30	40	10	33%	10	20	244
17-3013	Mechanical Drafters	70	70	0	0%	20	20	244
19-3031	Clinical, Counseling, and School Psychologists	40	40	0	0%	10	20	244
21-1022	Medical and Public Health Social Workers	30	40	10	33%	10	20	244

21-1091	Health Educators	40	50	10	25%	10	20	244
25-2042	Special Education Teachers, Middle School	40	60	20	50%	10	20	244
25-4021	Librarians	60	70	10	17%	20	20	244
25-4031	Library Technicians	40	50	10	25%	10	20	244
25-9031	Instructional Coordinators	40	50	10	25%	10	20	244
29-1041	Optometrists	40	50	10	25%	10	20	244
29-1066	Psychiatrists	30	40	10	33%	0	20	244
29-1067	Surgeons	40	60	20	50%	10	20	244
29-1122	Occupational Therapists	60	70	10	17%	10	20	244
29-1125	Recreational Therapists	30	40	10	33%	10	20	244
29-1131	Veterinarians	40	50	10	25%	10	20	244
29-2031	Cardiovascular Technologists and Technicians	30	40	10	33%	10	20	244
29-2053	Psychiatric Technicians	100	100	0	0%	10	20	244
29-2055	Surgical Technologists	50	70	20	40%	10	20	244
29-2056	Veterinary Technologists and Technicians	30	40	10	33%	0	20	244
31-2021	Physical Therapist Assistants	50	70	20	40%	10	20	244
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	50	70	20	40%	10	20	244
33-1012	First-Line Supervisors/Managers of Police and Detectives	40	50	10	25%	10	20	244
33-9031	Gaming Surveillance Officers and Gaming Investigators	30	40	10	33%	10	20	244
33-9091	Crossing Guards	50	50	0	0%	20	20	244
39-1012	Slot Key Persons	40	40	0	0%	10	20	244
39-2021	Nonfarm Animal Caretakers	50	50	0	0%	10	20	244
39-3031	Ushers, Lobby Attendants, and Ticket Takers	40	40	0	0%	20	20	244
41-3011	Advertising Sales Agents	50	60	10	20%	10	20	244
41-9031	Sales Engineers	50	50	0	0%	10	20	244
43-4071	File Clerks	80	70	-10	-13%	20	20	244
43-4131	Loan Interviewers and Clerks	120	110	-10	-8%	20	20	244
43-4141	New Accounts Clerks	50	50	0	0%	10	20	244
43-5011	Cargo and Freight Agents	40	50	10	25%	10	20	244
43-5041	Meter Readers, Utilities	60	60	0	0%	20	20	244
43-5051	Postal Service Clerks	70	70	0	0%	20	20	244
43-9021	Data Entry Keyers	90	80	-10	-11%	20	20	244
43-9041	Insurance Claims and Policy Processing Clerks	80	90	10	13%	10	20	244
45-2093	Farmworkers, Farm and Ranch Animals	50	60	10	20%	10	20	244
47-2071	Paving, Surfacing, and Tamping Equipment Operators	70	80	10	14%	10	20	244
47-2151	Pipelayers	60	70	10	17%	10	20	244
49-2011	Computer, Automated Teller, and Office Machine Repairers	120	130	10	8%	20	20	244
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	60	70	10	17%	10	20	244
49-3041	Farm Equipment Mechanics	50	60	10	20%	10	20	244
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	20	244
51-2022	Electrical and Electronic Equipment Assemblers	80	60	-20	-25%	20	20	244
51-3093	Food Cooking Machine Operators and Tenders	70	80	10	14%	20	20	244
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	70	70	0	0%	10	20	244
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	80	80	0	0%	20	20	244
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	100	90	-10	-10%	20	20	244
51-4071	Foundry Mold and Coremakers	50	60	10	20%	10	20	244
51-5022	Prepress Technicians and Workers	80	70	-10	-13%	20	20	244
51-6021	Pressers, Textile, Garment, and Related Materials	100	90	-10	-10%	20	20	244
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	50	60	10	20%	10	20	244
51-9141	Semiconductor Processors	80	90	10	13%	20	20	244
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	40	50	10	25%	10	20	244
53-3041	Taxi Drivers and Chauffeurs	50	70	20	40%	10	20	244
53-7021	Crane and Tower Operators	70	80	10	14%	20	20	244
53-7032	Excavating and Loading Machine and Dragline Operators	60	70	10	17%	20	20	244
11-2011	Advertising and Promotions Managers	20	30	10	50%	0	10	310
11-3061	Purchasing Managers	50	50	0	0%	10	10	310
11-3071	Transportation, Storage, and Distribution Managers	30	30	0	0%	10	10	310
11-9011	Farm, Ranch, and Other Agricultural Managers	40	50	10	25%	10	10	310
11-9031	Education Administrators, Preschool and Child Care Center/Program	20	20	0	0%	0	10	310
11-9081	Lodging Managers	70	70	0	0%	10	10	310
11-9121	Natural Sciences Managers	40	40	0	0%	10	10	310
11-9131	Postmasters and Mail Superintendents	40	40	0	0%	10	10	310
11-1031	Legislators	80	80	0	0%	10	10	310
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	310
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	30	40	10	33%	10	10	310
13-1072	Compensation, Benefits, and Job Analysis Specialists	30	40	10	33%	0	10	310
13-2041	Credit Analysts	20	30	10	50%	0	10	310

13-2052	Personal Financial Advisors	20	20	0	0%	0	10	310
15-1021	Computer Programmers	60	60	0	0%	10	10	310
15-1031	Computer Software Engineers, Applications	20	30	10	50%	0	10	310
15-1061	Database Administrators	20	30	10	50%	0	10	310
15-1081	Network Systems and Data Communications Analysts	20	30	10	50%	0	10	310
17-1022	Surveyors	30	30	0	0%	10	10	310
17-2051	Civil Engineers	30	30	0	0%	10	10	310
17-2071	Electrical Engineers	30	30	0	0%	10	10	310
17-2072	Electronics Engineers, Except Computer	20	30	10	50%	0	10	310
17-2131	Materials Engineers	30	30	0	0%	10	10	310
19-4031	Chemical Technicians	40	40	0	0%	10	10	310
21-1013	Marriage and Family Therapists	20	30	10	50%	0	10	310
21-1092	Probation Officers and Correctional Treatment Specialists	30	30	0	0%	10	10	310
23-2091	Court Reporters	30	30	0	0%	0	10	310
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	10	310
27-1014	Multi-Media Artists and Animators	50	50	0	0%	10	10	310
27-1021	Commercial and Industrial Designers	20	30	10	50%	0	10	310
27-1023	Floral Designers	50	50	0	0%	10	10	310
27-1024	Graphic Designers	70	70	0	0%	10	10	310
27-1026	Merchandise Displayers and Window Trimmers	30	30	0	0%	10	10	310
27-2021	Athletes and Sports Competitors	30	30	0	0%	10	10	310
27-2022	Coaches and Scouts	40	40	0	0%	10	10	310
27-3020	News Analysts, Reporters and Correspondents	30	30	0	0%	10	10	310
27-4013	Radio Operators	40	30	-10	-25%	10	10	310
29-1011	Chiropractors	30	30	0	0%	10	10	310
29-1031	Dietitians and Nutritionists	20	20	0	0%	0	10	310
29-2032	Diagnostic Medical Sonographers	30	40	10	33%	10	10	310
31-2022	Physical Therapist Aides	20	30	10	50%	0	10	310
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	20	0	0%	10	10	310
33-3021	Detectives and Criminal Investigators	20	30	10	50%	10	10	310
37-2021	Pest Control Workers	30	30	0	0%	10	10	310
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	20	0	0%	10	10	310
39-4011	Embalmers	40	40	0	0%	10	10	310
39-4021	Funeral Attendants	20	20	0	0%	0	10	310
41-3041	Travel Agents	50	40	-10	-20%	10	10	310
41-9011	Demonstrators and Product Promoters	40	40	0	0%	10	10	310
41-9021	Real Estate Brokers	20	20	0	0%	0	10	310
43-3061	Procurement Clerks	40	40	0	0%	10	10	310
43-4061	Eligibility Interviewers, Government Programs	50	40	-10	-20%	10	10	310
43-4121	Library Assistants, Clerical	20	30	10	50%	10	10	310
43-5021	Couriers and Messengers	50	50	0	0%	10	10	310
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	30	30	0	0%	10	10	310
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	30	30	0	0%	10	10	310
43-9011	Computer Operators	60	50	-10	-17%	10	10	310
43-9022	Word Processors and Typists	60	40	-20	-33%	10	10	310
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	0%	10	10	310
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	40	0	0%	10	10	310
45-2091	Agricultural Equipment Operators	20	20	0	0%	10	10	310
45-4021	Fallers	30	30	0	0%	10	10	310
47-2072	Pile-Driver Operators	20	20	0	0%	0	10	310
47-2082	Tapers	40	40	0	0%	10	10	310
47-2171	Reinforcing Iron and Rebar Workers	30	30	0	0%	10	10	310
47-2221	Structural Iron and Steel Workers	40	40	0	0%	10	10	310
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	30	30	0	0%	10	10	310
47-3012	Helpers--Carpenters	20	20	0	0%	10	10	310
47-3013	Helpers--Electricians	20	20	0	0%	10	10	310
47-4011	Construction and Building Inspectors	30	40	10	33%	10	10	310
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	20	0	0%	10	10	310
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	20	20	0	0%	0	10	310
49-2092	Electric Motor, Power Tool, and Related Repairers	20	20	0	0%	10	10	310
49-3011	Aircraft Mechanics and Service Technicians	20	30	10	50%	10	10	310
49-3092	Recreational Vehicle Service Technicians	20	20	0	0%	10	10	310
49-9044	Millwrights	40	40	0	0%	10	10	310
49-9062	Medical Equipment Repairers	30	30	0	0%	10	10	310
49-9064	Watch Repairers	20	20	0	0%	10	10	310
49-9094	Locksmiths and Safe Repairers	30	20	-10	-33%	10	10	310
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	10	310



51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	310
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0%	10	10	310
51-5011	Bindery Workers	20	20	0	0%	10	10	310
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	60	60	0	0%	10	10	310
51-6093	Upholsterers	30	20	-10	-33%	10	10	310
51-8012	Power Distributors and Dispatchers	20	20	0	0%	10	10	310
51-8021	Stationary Engineers and Boiler Operators	40	50	10	25%	10	10	310
51-8092	Gas Plant Operators	40	40	0	0%	10	10	310
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	40	40	0	0%	10	10	310
51-9022	Grinding and Polishing Workers, Hand	20	20	0	0%	10	10	310
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	20	20	0	0%	0	10	310
51-9081	Dental Laboratory Technicians	20	30	10	50%	10	10	310
51-9083	Ophthalmic Laboratory Technicians	40	40	0	0%	10	10	310
51-9122	Painters, Transportation Equipment	20	30	10	50%	10	10	310
53-2012	Commercial Pilots	20	20	0	0%	10	10	310
53-6031	Service Station Attendants	30	30	0	0%	10	10	310
19-4011	Agricultural and Food Science Technicians	20	20	0	0%	0	0	406
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	406
27-2011	Actors	30	30	0	0%	0	0	406
27-3010	Announcers	20	20	0	0%	0	0	406
27-3041	Editors	20	20	0	0%	0	0	406
29-2051	Dietetic Technicians	30	30	0	0%	0	0	406
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	0%	0	0	406
43-9081	Proofreaders and Copy Markers	20	10	-10	-50%	0	0	406
47-2022	Stonemasons	20	20	0	0%	0	0	406
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	0	406
47-5081	Helpers--Extraction Workers	20	20	0	0%	0	0	406
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	0	406

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.